

EN I-PAD DEFIBRILLATOR
F DÉFIBRILLATEUR I-PAD
ES DESFIBRILADOR I-PAD
P DESFIBRILADOR I-PAD

EN Easy to use, with LED indicators, automatic self test, truncated exponential shock waveform.

F Facile à utiliser, indicateur à LED, autotest automatique, onde biphasique exponentielle tronquée.

ES De fácil utilización, con indicador de estado LED, auto-test automático, forma de onda bifásica exponencial truncada.

P Fácil de utilizar, com indicadores LED, auto-teste automático, forma de onda bifásica exponencial truncada

LTD705
I-PAD DEFIBRILLATOR



Not Rechargeable Battery LiMnO2

Mode Led

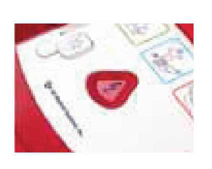
Info Button

I-PAD
Intelligent Public Access Defibrillator





Shock Button



Guide



Infrared Port

TECHNICAL SPECIFICATIONS:

Easy to use thanks to info showed on the main display;

Charging and working environmental requirements
Temperature: 0°-40°C
Humidity: 5%-90% not condensed

Size: 70mm X 220 mm X 260 mm
Weight: 2.2 kg with battery pack installed
Operating Mode: Semi-automated
Waveform: e-cube biphasic (Truncated exponential type); impedance compensated
Energy: 200 Joules nominal into a 50Ω load
Shock Energy Accuracy: Within ±3% (150J into 50Ω)
Charge Control: Automatic by Software (Arrhythmia Detection System and Charging Control)

Charge time from "Shock Advised": < 14 seconds, typical
Shock to Shock cycle time: < 15 seconds, typical, including analysis
Battery Type: 12 Volt DC, 4.2 Ah, lithium manganese dioxide, disposable long-life primary cell
Capacity: Minimum 200 shocks or 4 hours of operating time.
Temperature: -40 °C to 60 °C
Defibrillator Pads: (CUA0512F)
Type self-adhesive, disposable, non-polarized defibrillation pads
Adult Pads: Defibrillation pads for patients 8 years of age and older or 55 lbs. (25 kg) and over.
Surface Area: Adult : 110cm2 each
Cable Length: 1.5m



EN RESCUE 1 AUTOMATIC EXTERNAL DEFIBRILLATOR
F DÉFIBRILLATEUR AUTOMATISÉ EXTERNE RESCUE 1
ES DESFIBRILADOR EXTERNO AUTOMÁTICO RESCUE 1
P CARDIODESFIBRILADOR EXTERNO AUTOMÁTICO RESCUE 1

LTD700
RESCUE 1 AUTOMATIC EXTERNAL DEFIBRILLATOR

LTR286
Spare Pads (pair)



TECHNICAL FEATURES FOR LTD700

ECG Monitor
Patient connection: Defibrillation Pads, ECG Electrodes
Bandwidth: 0.30 to 40 Hz (-3 dB)
EMS Mode: 1~30 Hz Heart rate. Digital 30 to 300 bpm (±2%)

ECG size
10mm/mV display on monitor (auto-scaling)
Cardiac frequency: digital from 30 to 300 bpm(+/-2%)

Defibrillator
Operating mode: RESCUE1: Semi Automatic
Waveform: e~cube Biphasic (BTE type)

Energy
150J into a 50‡ load (default setting) and pre-programmed selection (150J-150J-150J,150J-150J-180J, 150J-180J-180J)
AED mode: 150J into a 50hom load
Synchronous Cardioversion: Energy deliver begins within 60ms of the QRS peak
Charging time: Less than 10 seconds
Sensitivity & Specificity: Meets AAMI guidelines
Detection Level: > 0.1 mV ECG
Defibrillation Electrodes: Multifunctional electrodes (Disposable), Adult adhesive pads (Pre-gelled)

Voice and Text Prompts
Voice and text prompts guide
User interfaces are supported in local language for easy use

Data Storage Management
Internal flash memory: 12 hours of event and ECG recording
SmartMedia Card (32M): 48h of event and ECG recording
1h if voice recording is enable
Review the patient's ECG, incident details and the device information
Transmit multi patient data to PC

Automatic Self-Test
Power On Self-Test / Run Time Self-Test / Manual Test
Periodic Self-Tests (daily / weekly / monthly)

Display
Screen Type: High resolution display (Graphic LCD)
Screen size: 4 inches (10.16 cm) diagonal, 320x240 pixels
Sweep speed: 25mm/sec, nominal
Viewing time: 3.2 seconds

Dimensions and Weight
Size: 305 mm x 250 mm x 95 mm (LxWxH)
Weight: Approximately 2.8 Kg

Patient Isolation
Type BF
AC Adapter
Input: 100~240V AC 50/60Hz 1.2A
Output: +12V DC, 3.5A

Battery Pack
12V Nickel-Metal Hydride battery pack (Rechargeable)
Charging time: Minimum of 4 hours for full charging
Capacity: when new, minimum of 200 shock deliveries

External Link
UART port-IrDA port (infra-red)

Package Contents
Device, 2 Sets of Pads, 1 Power Cord, 1 AC Adapter,
1 long life NI-MH battery, 1 Operator's Manual,
1 Quick Reference Card





EN RESCUE 2 AUTOMATIC - MANUAL
F AUTOMATISÉ - MANUEL RESCUE 2
ES AUTOMÁTICO - MANUAL RESCUE 2
P AUTOMÁTICO - MANUAL RESCUE 2

LTD710
RESCUE 2 AUTOMATIC MANUAL EXTERNAL DEFIBRILLATOR



LTR286
Spare Pads (pair)

TECHNICAL FEATURES FOR LTD710

ECG Monitor
Patient connection: Defibrillation Pads, ECG Electrodes
Bandwidth: 0.30 to 40 Hz (-3 dB)
EMS Mode: 1~30 Hz Heart rate. Digital 30 to 300 bpm (±2%)

ECG size
10mm/mV display on monitor (auto-scaling)
Cardiac frequency: digital from 30 to 300 bpm(+/-2%)

Defibrillator
Operating mode: Manual / Semi Automatic
Waveform: e~cube Biphasic (BTE type)

Energy
Variable energy levels selection (12 steps escalating)
(2, 3, 5, 7, 10, 20, 30, 50, 70, 100, 150, 200)J
AED mode: 150J into a 50hom load
Synchronous Cardioversion: Energy deliver begins within 60ms of the QRS peak
Charging time: Less than 10 seconds
Sensitivity & Specificity: Meets AAMI guidelines
Detection Level: > 0.1 mV ECG
Defibrillation Electrodes: Multifunctional electrodes (Disposable), Adult adhesive pads (Pre-gelled)

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Screen Type: High resolution display (Graphic LCD)
Screen size: 4 inches (10.16 cm) diagonal, 320x240 pixels
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Viewing time: 3.2 seconds

Dimensions and Weight
Size: 305 mm x 250 mm x 95 mm (LxWxH)
Weight: Approximately 2.8 Kg

Patient Isolation
Type BF
AC Adapter
Input: 100~240V AC 50/60Hz 1.2A
Output: +12V DC, 3.5A

Battery Pack
12V Nickel-Metal Hydride battery pack (Rechargeable)
Charging time: Minimum of 4 hours for full charging
Capacity: when new, minimum of 200 shock deliveries

External Link
UART port-IrDA port (infra-red)

Package Contents
Device, 2 Sets of Pads, 1 Power Cord, 1 AC Adapter,
1 long life NI-MH battery, 1 Operator's Manual,
1 Quick Reference Card



EN CU-HD1 AED DEFIBRILLATOR
F DÉFIBRILLATEUR AED CU-HD1
ES DESFIBRILADOR AED CU-HD1
P DESFIBRILADOR AED CU-HD1

EN This product is intended for hospital use, with manual and automatic modes. It can be used with external and internal pads, it has a transcutaneous pacer for patients with low heart rate. The memory card can store important data to transfer on PC. Internal printer for ECG view. To be used by qualified personnel only.

F Idéal pour l'utilization dans les hôpitaux. Défibrillateur automatique AED et mode manuel. Eléctrodes à usage unique et électrodes externes et internes pour la défibrillation. Pacemaker transcutané, écran avec affichage SpO2 et ECG à 12 tracés. Carte mémoire et imprimante intégrées. Réservé à un usage exclusivement professionnel.

ES Desfibrilador para uso hospitalario, automático externo con función manual también. Parches desechables y electrodos internos y externos para desfibrilación. Marcapasos transcutáneo, pantalla SpO2 y ECG 12 canales. Ficha memoria y impresora incluida. Tiene que ser manejado por personal médico.

P Desfibrilador para uso hospitalar. Automático externo e modo manual. Eletrodos descartáveis e eletrodos internos e externos para desfibrilação. Marca passo transcutâneo, tela com configuração de SpO2 e ECG de 12 traçados. Cartão de memória e impressora integrados. Deve ser utilizado somente por médicos ou operadores profissionais.



LTD740
CU-HD1 DEFIBRILLATOR WITH
3 LEAD ECG
- Adult/child defibrillation pads
- ECG cable with 3 leads
- Disposable pad adapter
- In-built printer

LTD742
CU-HD1 DEFIBRILLATOR WITH
3 LEAD ECG + SPO2 + PACER
- Adult/child defibrillation pads
- ECG cable with 3 leads
- Disposable pad adapter
- In-built printer
- SpO2
- Pacer

LTD744
CU-HD1 DEFIBRILLATOR WITH
12 LEAD ECG + SPO2 + PACER
- Adult/child defibrillation pads
- ECG cable with 3 leads
- Disposable pad adapter
- In-built printer
- SpO2
- Pacer
- 12 lead ECG

TECHNICAL FEATURES LTD740-742-744

Display:
- LCD Dimension: 152mm * 91mm
- Type TFT Color
- Resolution: 800 * 480 pixels

Defibrillation:
- Waveform Truncated Exponential Biphasic (e~cube)
- Charge Time: Adapter : Less than 5 seconds to 200Joules
- Battery : Less than 7 seconds to 200Joules

AED Mode:
- 12 leads simultaneously
- Output Energy: 200J
- Shock Delivery: Via multifunction defib electrode pads
- AED Develop Guideline: AAMI DF-80 guidelines
- Voice & Text Prompt: Guide the user through the protocol via multifunction defibrillator electrode pads
- Manual Mode
- Output Energy(Selected) 1~10J, 15J, 20J, 30J, 40J, 50J, 100J, 120J, 150J, 170J, 200J
- Shock Delivery: External Paddle (with Pediatric) / Internal Paddle
- Synchronous Cardioversion

Printer:
- Continuous ECG Strip: Real-Time (8 seconds delay)
- Auto Printing: Recorder can be configured to print marked event, charge, shock And alarms
- Printing Speed: 25mm/s

Paper:
50mm Width / 40mm Diameters

Automatic Self-Test:
- Power on Self-Test
- Run Time Self-Test
- Manual Self-Test
- Periodic Self-Test(Daily/Weekly/Monthly)

Power Source:
- External Battery Pack : Lithium Polymer
- Type: 14.8V 3.1Ah (Rechargeable)
- Capacity: When new, minimum of 100shock deliveries (200J)
- Output: 18V, 6A

Noninvasive Pacing:
- Waveform: Monophasic Truncated Exponential
- Mode: Demand and Fixed Mode
- Amplitude Accuracy: 0 ~ 200mA (5mA)
- Pulse Width: 20ms(1.5%)
- Pulse Rate: 30 ~ 180ppm (1.5%)
- Refractory Period: 340 msec (30 to 80 ppm)
- 240 msec (90 to 180 ppm)

SpO2 Pulse Oximetry:
- Saturation: 70 ~ 100%(3digits)
- Pulse Rate: 20 ~ 250bpm(3bpm)
- Perfusion: 0.2%
- Module Manufacturer: Nellcor
- SpO2 Alarm

NIBP:
- Type: adult, pediatric, Neonate
- Method: Oscillometric
- Control: automatic and manual measurements
- Visualized pressures: Systolic, Diastolic, Mean mmHg

Data Storage:
External memory card

ECG Monitoring:
- Input: 3-Lead Cable : I, II, III
- 5-Lead Cable : I, II, III, aVR, aVL, aVF or V
- 10-Lead Cable : I, II, III, aVR, aVL, aVF or V1, V2, V3, V4, V5, V6
- (Display View:All 12-Lead ECG waves display simultaneously
- Heart Rate Display: 30 to 300 bpm (3bpm)
- ECG Size: 5, 10, 20mm/mV and Auto-gain
- Heart Rate/Arrhythmia Alarm: HR, Asystole, VF, VT





VITAL SIGN MONITORS- 5,7" DISPLAY
MONITEURS DE SIGNES VITAUX- ÉCRAN 5,7"
MONITORES SIGNOS VITALES- PANTALLA 5,7"
MONITORES DE SINAIS VITAIS- DISPLAY 5,7"

EN Created to be used in hospital and at home, with 5,7" LCD display with backlight. Graphic or alphanumeric display, wide internal memory that can record 72 hours, 5 hours for SpO2, 2,5 hours for SpO2 + CO2. 30.000 NIBP measurements and 800 alarms ca be visualized. Printer is optional.

F Idéal pour l'utilization dans les hôpitaux et à la maison. Écran LCD de 5,7" avec contrôle de la rétro-illumination. Écran numérique ou graphique. Mémoire jusqu'à 72h, 5h pour la courbe SpO2 et 2,5h pour la courbe SpO2+CO2. Affichage de 30.000 mesures NIBP et 800 alarmes. Imprimante en option.

ES Apto para la utilización en hospitales y también en el domicilio del paciente. Pantalla LCD de 5,7" con control de la retro-iluminación. Pantalla numérica o gráfica. Memoria de 72 horas, 5 horas por la curva SpO2, 2,5 horas por la curva SpO2+CO2. Se pueden visualizar 30.000 mediciones NIBP y 800 alarmas. Impresora opcional.

P Próprio para o uso hospitalar e domiciliar. Display LCD de 5,7" com controle da retroiluminação. Display numérico ou gráfico. Memória de 72 horas, 5 horas para a curva SpO2 e 2,5 horas para a curva SpO2+CO2. Visualização de 30.000 medições NIBP e 800 alarmes. Impressora opcional.





CE 0123

LTD321
- M3 vital sign monitor with SpO2
- It shows values and plethysmographic wave
- 5,7" monochrome display
- Internal battery
- Adjustable alarms
- Adjustable backlight
- For adult, children and newborn
- Wide internal memory
- Graphic or table mode data visualization
- Real-time graphic printing

LTD322
- M3 vital sign monitor with NIBP
- It shows values and plethysmographic wave
- 5,7" monochrome display
- Internal battery
- Adjustable alarms
- Adjustable backlight
- For adult, children and newborn
- Wide internal memory
- Graphic or table mode data visualization
- Real-time graphic printing

LTD323

- M3 vital sign monitor with SpO2+ NIBP
- It shows values and plethysmographic wave
- 5,7" monochrome display
- Internal battery
- Adjustable alarms
- Adjustable backlight
- For adult, children and newborn
- Wide internal memory
- Graphic or table mode data visualization
- Real-time graphic printing

LTD324
- M3 vital sign monitor with SpO2+ ETCO2
- It shows values and plethysmographic wave
- 5,7" monochrome display
- Internal battery
- Adjustable alarms
- Adjustable backlight
- For adult, children and newborn
- Wide internal memory
- Graphic or table mode data visualization
- Real-time graphic printing

LDR330

Printer for patient monitor (LTD330 LTD335) and for vital signs monitors (LTD321-322-323-324).



TECHNICAL FEATURES

Safety Class:	"I"
EMC type:	Class A
Anti-electroshock degree:	SpO2, NIBP, BF Defibrillation type
Ingress Protection:	IPX0
Size:	173.5 (L) × 241 (H) × 189 (D) mm
Weight:	3 kg

WORKING CONDITIONS

Working Temperature:	5 ~ 40 °C
Power Supply:	100 ~ 240 VAC, 50/60Hz, Pmax = 45VA FUSE T 1.6AL
Display :	5.7 inches LCD, Resolution 320×240 Risoluzione 320×240, LED retroilluminazione
Messages:	1 Power Supply Indicator LED (Green) 1 Power On Indicator LED (Green) 1 Alarm Indicator LED (Orange/ Red) 1 Charge Indicator LED (Yellow) 1 Alarm Sound Indicator LED (Backlight) 1 NIBP Working Status Indicator LED (Backlight) 3 Sound Modes correspond to Alarm Mode

BATTERY

Quantity	1
Type	Li battery
Power-off delay	5 ~ 15min (After the low battery alarm)
Voltage	14.8 VDC
Capacitance	4, 400 mAh
Working period	600min (at 25?, continuous SpO2 measuring, NIBP automatic measuring mode, automatic recording per 10min)
Rechargeable period	< 300min

PRINTER

Record Width	48 mm
Paper Speed	25mm/s
Recording types	Current displayed parameter list recording Current displayed alarm list recording Real-time 8s waveform recording
Trend List Recall	72 hours, 1 minute Resolution
NIBP Measurement Recall	30, 000 NIBP measurement data
Alarm List Recall	800 groups

NIBP

Method	Oscillometric
Mode	Manual, Auto, Continuous

MEASURING INTERNAL

Measuring Interval in AUTO Mode	1/2/3/4/5/10/15/30/60/90/120/240/480 min
Continuous	5min, interval is 5s
Measuring Type	Systolic Pressure, Diastolic Pressure, Mean Pressure

MEASURING RANGE

Adult Mode	SYS	40~270mmHg
	DIA	10~215mmHg
	MAP	20~235mmHg
Pediatric Mode	SYS	40~200mmHg
	DIA	10~150mmHg
	MAP	20~165mmHg
Neonatal Mode	SYS	40~135mmHg
	DIA	10~100mmHg
	MAP	20~110mmHg

PULSE RATE

Cuff Pressure measuring Range	0 ~ 290mmHg	
Pressure Resolution	1mmHg	
Maximum mean error	5 mmHg	
Maximum Standard deviation	8 mmHg	
Entire Measuring Period	30 ~ 45s typical (depend on HR/motion disturbance)	
Overpressure protection	Dual overpressure protection	
	Adult	297±3mmHg
	Pediatric	240±3mmHg
	Neonatal	145±3mmHg

SpO2

Measuring Range	0 ~ 100 %
Alarm Range	0 ~ 100 %
Resolution	1 %

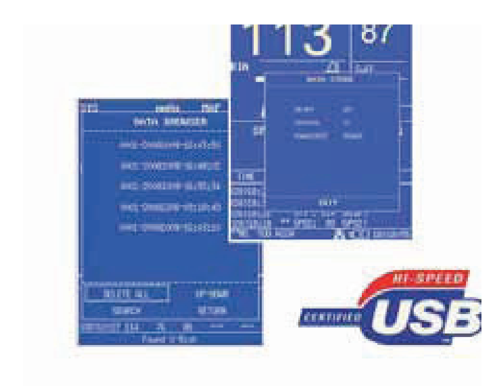


C0150
Trolley (optional)
Check page 232/233

Accuratezza	
Accuracy	
Adult (including Pediatric)	±2 digits (70%~100% SpO2) Undefined (0~70% SpO2)
Neonate	±3 digits (70%~100% SpO2) Undefined (0~70% SpO2)

PULSE RATE

Measuring and Alarm Range	20 ~ 254 bpm
Resolution	1 bpm
Accuracy	± 3bpm Under Motion Condition, ±5 bpm
Data update period	2s
Anti-motion Interference	Strong Anti-motion Interference, Anti-electrotome







EN MULTIPARAMETER PATIENT MONITOR - PRINTER OPTIONAL
F MONITEUR MULTIPARAMÉTRIQUE - IMPRIMANTE EN OPTION
ES MONITOR MULTIPARÁMETROS – IMPRESORA OPCIONAL
P MONITOR PACIENTE – IMPRESSORA OPCIONAL

EN ECG, SPO2, RESP, NIBP, 2-TEMP, PR can be visualized. Many different kinds of visualization. Only 6 keys for main functions (ECG, FREEZE, SILENT ALARM, PRINTING, START PRESSURE MEASUREMENT, MENU). The printer is optional but since it's built-in, it's easy to carry. Monitor created for adult, children and newborn. 7 leads ECG analysis. Arrhythmia and ST-segment analysis. 96 record hours for all the values, 500 NIBP measurement and 60 alarms. Pacemaker detection and possibility to adjust display colours and alarm values. With handle for transport.

F Visualisation de ECG, SPO2, NIBP, RESP, 2-TEMP, PR. Possibilité de sélectionner différentes visualisations. Seulement 6 touches pour les fonctions principales (ECG, FREEZE, ALARME SILENCIEUSE, IMPRIMANTE, NIBP, et MENU). Imprimante intégrée en option. Utilisable sur adultes, enfants et nourrissons. Analyse de ECG à 7 tracés. Analyse d'arythmie et segment S-T. 96h de mémoire de tous les valeurs, 500 mesures NIBP et 60 événements alarme. Possibilité de sélectionner la détection du pacemaker, les différents niveaux d'alarme et les couleurs de l'écran. Poignée pour faciliter le transport.

ES Visualización de ECG, SPO2, RESP, NIBP, 2-TEMP, PR. Posibilidad de elegir entre distintas visualizaciones. Sólo 6 teclas para las funciones principales (ECG, FREEZE, ALARMA SILENCIOSA, IMPRESORA, MEDIDA DE LA PRESIÓN, MENÚ). Impresora opcional pero que se incorpora al equipo facilitando el transporte. Apto para adultos, niños y neonatos. Análisis de ECG a 7 trazas. Análisis de arritmia y segmentos ST. 96 horas de memoria de todos los valores, 500 medidas NIBP y 60 eventos de alarmas. Posibilidad de seleccionar la detección del marcapasos, los valores de alarma y los colores de la pantalla. Asa para transporte.

P Visualização de ECG, SPO2, RESP, NIBP, 2-TEMP, PR. Diversas visualizações possíveis. Somente 6 teclas para as principais funções (ECG, FREEZE, ALARME SILENCIOSO, IMPRESSORA, NIBP, MENU). Impressora integrada opcional. Para adultos, crianças e recém-nascidos. Análises de ECG à 7 traçados. Análises de arritmia e segmentos ST. 96 horas de memorização de todos os valores, 500 medições NIBP e 60 eventos de alarme. Possibilidade de selecionar a detecção de marcapassos, os níveis de alarme e as cores do display. Cômoda alça para facilitar o transporte.



LTD330
LCD 10,2''



LTD335
LCD 12,1''



LDR330
PRINTER FOR DIMED PATIENT MONITORS LTD330-335. PLACED ON THE LEFT SIDE OF THE MONITOR, IT'S BUILT-IN

Accessories included	1 patient cable, 5 derivations - 1 skin temperature probe - 1 adult blood pressure cuff - 1 adult sensor for oximeter - 1 instruction manual – 1 ground connection cable – 1 power cable – 1 battery
Livré avec	Câble patient à 5 dérivations-1 sonde de température-1 brassard adulte pour la pression - 1 capteur oxymètre adulte- mode d'emploi- 1 câble de terre-1 câble d'alimentation- 1 batterie
Accesorios incluidos	1 cable paciente - 5 derivaciones- 1 sonda de temperatura de la piel- 1 brazalete para presión adultos- 1 sensor de oxímetro adultos- 1 manual de instrucciones – 1 cable tierra – 1 cable de alimentación – 1 batería
Acessórios inclusos	1 cabo do paciente à 5 derivações- 1 sonda de temperatura da pele- 1 braça deira de pressão adulto- 1 sensor de oxímetro adulto- manual de instruções- 1 cabo terra – 1 cabo de alimentação- 1 bateria

TECHNICAL FEATURES

CLASSIFICATION	
Anti-electroshock type:	Class IBF equipment and internal powered equipment
EMC type:	Class A
Anti-electroshock degree:	ECG (RESP), TEMP, IBP, CO CF SpO2, NIBP, CO2, GAS BF
Ingress Protection:	IPX1
Weight:	5 kg
Size:	320x150x265mm
DISPLAY	
Display screen:	10.4/12.1 inch, Multicolour TFT LCD, Resolution 800×600, 1 LED
Messages:	11 Waveforms Maximum 1 Power LED (Green) 1 Alarm LED (Yellow/Red) 1 Charge LED (Yellow) 3 Sound Mode corresponding Alarm Mode
BATTERY	
Quantity:	1
Type:	Li battery
Power-off delay:	5 ~ 15min
Voltage:	14.8 VDC
Capacitance:	2 Ah, 4Ah (optional)
Working period:	2Ah 80min 4Ah 180min (At 25, continuous SpO2 measuring mode and NIBP automatic measuring mode)
Rechargeable period:	2Ah 150min 4Ah 360min (Monitor is On or at Standby mode.)
RECORDER (Optional)	
Record Width:	48 mm
Paper Speed:	25mm/S, 50mm/S
Trace:	3
Recording types:	Continuous real-time recording 8 second real-time recording Auto 8 second recording Parameter alarm recording Drug Calculation and titration table recording
ECG:	
Lead Mode:	5 Leads (R, L, F, N, C or RA, LA, LL, RL, V)
Lead selection:	5 Leads: 2of I, II, III, AVR, AVL, AVF, V, drive lead is RL
Waveform: 5 Leads: 2 channel:	
Analogic channel setup:	12 bits, 500Hz,
4 selectable plus:	×0.25, ×0.5, ×1, ×2 cm/mV
Pacing rate higher limit:	>320 mV/s (RTI)
PACING REJECTION (HR report has no error)	
Impulse amplitude:	±2 ~ ±700 mV
Impulse width:	0.1 ~ 2.0 ms
Ascending time	10µs ~ 100µs less than 10 of pulse width
NIBP	
SpO2	
Measuring Range:	0 ~ 100 %
Alarm Range:	0 ~ 100 %
Resolution:	1 %
ACCURACY:	
Adult (including Pediatric):	±2 digits (70%~100% SpO2) Undefined (0~70% SpO2)
Neonate:	±3 digits (70%~100% SpO2) Undefined (0~70% SpO2)
PULSE RATE	
Measuring and Alarm Range:	30 ~ 254 bpm
Resolution:	1 bpm
Accuracy:	± 3bpm Under Motion Condition, ±5 bpm
TEMP	
Channel:	2
Measuring Range:	0 ~ 50 °C
Sensor type:	YSI (B series) and CF-FI
Resolution:	0.1°C
Accuracy:	±0.1°C (25 ~ 45 °C)
IBP	
Channel:	2
Label:	ART, PA, CVP, RAP, LAP, ICP, P1, P2
Pressure Sensor:	
Sensitivity:	5 (µV/V/mmHg)
Impedance	300 ~ 3000 (Ohm)
Static Pressure Measuring Range:	-50 ~ +300 mmHg up to 350 mmHg
Static Pressure Accuracy:	±2 % or 1mmHg which bigger
Dynamical Pressure Measuring Range:	-50 ~ +300 mmHg
Dynamical Pressure Accuracy:	±2 % or 1mmHg which bigger
Frequency Response:	d.c. ~ 15 Hz, d.c. ~ 40 Hz
MEASURING AND ALARM RANGE:	
ART:	0 ~ 300 (mmHg)
PA:	6 ~ 120 (mmHg)
CVP/RAP/LAP/ICP:	-10 ~ 40 (mmHg)
P1/P2:	-50 ~ 300 (mmHg)
Resolution:	1 (mmHg)



PRINTER VIEW



LATERAL SIDE VIEW



BACK VIEW



EN PATIENT MONITOR SPARE PARTS FOR LTD 300/310/320
F PIÈCES DE RECHANGE POUR MONITEURS LTD 300/310/320
ES REPUESTOS PARA MONITOR LTD 300/310/320
P PEÇAS DE REPOSIÇÃO PARA MONITOR PACIENTE LTD 300/310/320

LDR300
5 lead ecg cable
defiprotection clip

LDR310
connection cable
for arm cuff dimed

LDR311
cuff patient monitor – leg adult

LDR312
cuff patient monitor - adult

LDR313
cuff patient monitor - pediatric

LDR314
cuff patient monitor - neonatal

LDR320
external temperature
cable dimed monitor

LDR321
rectal temperature cable
dimed monitor

LDR325
extension cable mp, SpO2 sensor

Patient monitor sensors are compatible with Dimed oximeter sensors page 187

EN SPARE PAPER ROLLS FOR ECG AND DOPPLER
F PAPIERS DE RECHANGE POUR ECG ET DOPPLER
ES ROLLOS DE PAPEL PARA ECG Y DOPPLER
P BOBINA DE PAPEL DE REPOSIÇÃO PARA ECG E DOPPLER



DRV1520
Paper for ECG LTD400 1 pc

DRV1521
Paper for ECG LTD405S/ LTD405W 1 pc

DRV1522
Paper for ECG LTD410 1 pc

DRV1523
Paper for ECG LTD415 1 pc

DRV1524
Paper for ECG LTD420 1 pc

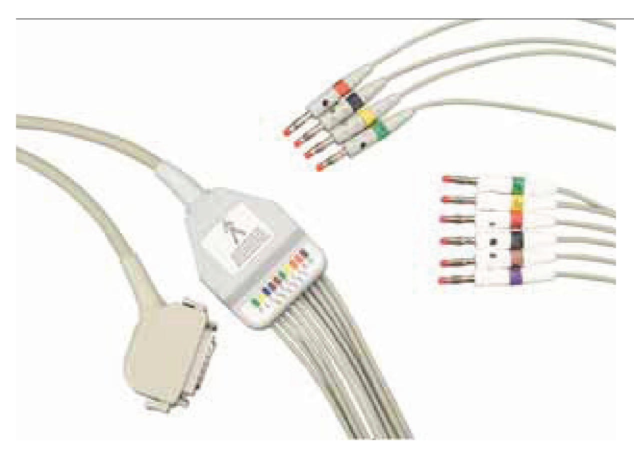
DRV1525
Paper for patient monitor LTD300/310/320 1 pc

DRV1526
Paper for fetal monitor LTD550/560 1 pc

DRV1527
Paper for printer UP897 SONY 1 pc

DRV1528
Paper for LTD450/455S/455W 1 pc

ECG CABLE

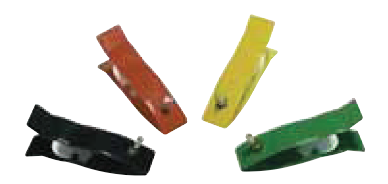


DRV2083/H
PATIENT CABLE FOR ECG DIMED HEARTSCREEN

DRV2083/P
PATIENT CABLE FOR ECG DIMED PRO

DRV2083/C
PATIENT CABLE FOR ECG PROGETTI

EN PERIPHERAL CLAMP ELECTRODES FOR E.C.G.
F ÉLECTRODES DE SURFACE À PINCE POUR ECG
ES ELÉCTRODOS EXTREMIDADES TIPO PINZA PARA E.C.G
P ELETRODOS PERIFÉRICOS TIPO PINÇA PARA E.C.G





DRV170
"Ag/AgCl" electrode-adults universal connection - 4 pcs

DRV171
"Ag/AgCl" electrode-pediatric universal connection- 4 pcs

EN ELECTRODE FOR ECG.
F ÉLECTRODES POUR ECG
ES ELÉCTRODOS PARA ECG
P ELETRODOS PARA ECG

DRV176
"Ag/AgCl" electrode Ø 30mm adults universal connection - 1 pc

DRV175
"Ag/AgCl" electrode Ø 20mm (internal size) adults universal connection - 1 pc

DRV174
"Ag/AgCl" electrode Ø 15mm pediatric universal connection- 1 pc



DRV1620
Nichel-silver electrode adults universal connection - 1 pc

DRV1621
Nichel-silver electrode pediatric universal connection - 1 pc



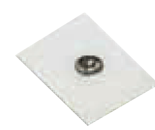
EN DISPOSABLE PRE-GELLED ELECTRODE FOR E.C.G
F ÉLECTRODES USAGE UNIQUE PRÉ-GÉLIFIÉES POUR ECG
ES ELÉCTRODOS DESECHABLES CON GEL PARA E.C.G.
P ELETRODOS DESCARTÁVEIS PRÉ-GELIFICADOS PARA E.C.G

DRV165T 50 PCS
"Ag/AgCl" clip electrode, TNT Ø 40mm pediatric

DRV165F 50 PCS
"Ag/AgCl" clip electrode, FOAM Ø 40mm pediatric



DRV167 50 PCS
E.C.G. electrode, 32x45mm



DRV166T 50 PCS
"Ag/AgCl" clip electrode, TNT Ø 55mm adult

DRV166F 50 PCS
"Ag/AgCl" clip electrode, FOAM Ø 55mm adult



DRV168 100 PCS
Disposable pregelled E.C.G. electrode - stamp type



EN ELECTRODES ADAPTERS
F ADAPTATEURS POUR ÉLECTRODES
ES ADAPTADORES PARA ELÉCTRODOS
P ADAPTADORES PARA ELETRODOS

DRV173
10 pcs kit adapter clip/stamp (6 white, 1 black, 1 red, 1 yellow, 1 green)

DRV172
10 pcs kit adapter clip (6 white, 1 black, 1 red, 1 yellow, 1 green)



LTR345N
Female clip adapter 4mm hole- black



LTR345R
Female clip adapter 4mm hole- red





EN CADENCE FETAL MONITOR TOCO WITH PRINTER
F MONITEUR FOETAL TOCO AVEC IMPRIMANTE CADENCE
ES MONITOR FETAL TOCO CON IMPRESORA CADENCE
P MONITOR FETAL TOCO COM IMPRESSORA CADENCE

EN Reliable, light weight, compact. Built-in printer. Easy to use with the included PC software. Selectable functions from keyboard. Basic functions: FHR, TOCO, fetal movement, automatic channel recognition. High technology probe (9 elements, 2Mhz) allows accuracy, false signals reduction and continous FHR recognising.

F Compact et léger. Imprimante incorporée. Facile à mettre en œuvre, avec le logiciel pour PC inclus. Clavier digital. Fonction: FHR, TOCO, mouvements fœtaux, détection automatique des canaux. Sonde à haute technologie (9 éléments, 2Mhz), haute sensibilité, réduction de faux signaux, reconnaissance FHR continue et précise.

ES Ligero, compacto y confiable. Impresora incorporada. De fácil utilización gracias al software para PC incluido. Teclado digital. Funciones: FHR, TOCO, movimiento fetal y reconocimiento automático del canal. Transductor de alta sensibilidd (9 cristales, 2 MHz) para una detección precisa, reducción de los falsos signales, reconocimiento FHR continuo.

P Confiável, leve, compacto. Impressora incorporada. Fácil de usar graças ao software para pc incluso. Teclado digital para a seleção das funções. Funções básicas: FHR, TOCO, movimento do feto, reconhecimento automático do canal. Sonda de alta tecnologia (9 elementos, 2 Mhz) permite precisão, redução de falsos sinais e um contínuo reconhecimento FHR.



CE 0123

LTD550 CADENCE FETAL MONITOR
Software included
Battery not included

LDR425 TOCO PROBE ONLY FOR FETAL MONITOR DIMED
Mode: passive straingauge - Weight: 170g
Cable length: 3.2m
Dimensions: 102mm / 50mm - Latex free

LDR420 FHR PROBE ONLY FOR FETAL MONITOR DIMED
Mode: Pulsating doppler / Weight: 183g
Cable length: 3.2m
Dimensions: 90mm-65mm - Latex free

Accessories included 1 FHR probe, 1 TOCO probe, 1 events marker, 1 elastic band, 1 gel, 1 paper roll, 1.6A fusible, 1 user manual, 1 cd software, 1 RS232 cable, 1 power cable

Livré avec 1 sonde FHR, 1 sonde TOCO, 1 marqueur d'événements, 1 ceinture élastique, 1 fla con de gel, 1 bobine papier, 1 fusible 1.6A, 1 mode d'emploi, 1 cd logiciel, 1 câble RS232, 1 câble d'alimentation

Incluye 1 transductor FHR, 1 transductor TOCO, 1 marcador de eventos, 1 banda elástica, 1 gel, 1 rollo de papel, 1 fusible 1.6A , 1 manual de instrucciones, 1 cd software, 1 cable RS232, 1 cable de alimentación

Acessórios inclusos 1 sonda FHR, 1 sonda TOCO, 1 marcador de eventos, 1 cinto elástico, 1 frasco de gel, 1 rolo de papel, 1 fusível 1.6A, 1 manual de instruções, 1 cd software,RS232, 1 cabo de alimentação

TECHNICAL FEATURES

Dimensions and weight: 300X270X100h. 3,5 kg
Safety: Comply with IEC60601-1, IEC60601-1-2 EN55011, IEC1157, YY0449-2003

Electrical protection
Class I equipment without internal power supply
Protectioan level: FHR1, FHR2, TOCO, remote maker, fetl stimulator CLASS B
NO waterproof - No use with flammable gas presence
EMC: Group I class A

Power supply
Operating voltage: 100V-240V AC
Line frequency: 50/60 Hz
Pmax: 60VA - **Fuse**: T1.6AL

Display
3 bicolor numeric LED (green/red) for FHR and TOCO
Printer LED indicator - ON/OFF status led indicator
Audio alarm indicator (green/red)
FHR quality signal indicator (green/orange)
TOCO quality signal indicator (green/orange)

Paper
112mm- effective printing width : 104
Paper printing speed: 1cm/min, 2cm/min, 3cm/min
FHR 7 cm - FHR scaling: 30BPM/cm
TOCO 3,4 cm - TOCO scaling 25%/o,85 cm
Data accuracy: ±5% (X axis) ±5% (Y axis)
Record message: Date , Time,TOCO type, paper speed, FHR type, bed n°

Ultrasound channel
Pulsed doppler and autocorrelation technique
Impulse repetition: 2KHz - **Impulse time**: 114 usec
Ultrasound frequency: 2MHz±10%
Iob<10 mW/cm2
FHR range 50BPM-210BPM
Resolution: 1 bpm - **Accuracy**: ± 2 bpm
TOCO external
TOCO Range 0-100 , 135% strenght corresponding to 100%.
Sensivity: 3,7μV/V/mmHg - Non-linear error ±10%
Resolution: 1%
Zero mode Auto/manual - Fetal movement maker
Manual/automatic fetal movement maker

FHR alarm
FHR alarms set up is fixed. If FHR (FHR1/FHR2/DECG) is inferior or superior to the level and time already set up, monitor will give audio/visual alarm signal



EN CADENCE II TOCO FETAL MONITOR LCD 6" DISPLAY AND PRINTER
F MONITEUR FOETAL TOCO AVEC ÉCRAN LCD 6" ET IMPRIMANTE CADENCE II
ES MONITOR FETAL TOCO CON PANTALLA LCD 6" Y CON IMPRESORA CADENCE II
P MONITOR FETAL TOCO COM DISPLAY LCD 6" E COM IMPRESSORA CADENCE II

EN Reliable, light weight, compact. Large LCD display 6" can be closed on the device. Display waveform and data information. 12 hours data storage. Twin monitoring function. Antepartum and intrapartum monitoring. US1/US2/TOCO/FN/AMF. Built-in printer. Easy to use with the included PC software. Selectable functions from keyboard. Basic functions: FHR, TOCO, fetal movement, automatic channel recognition. High technology probe (9 elements, 2Mhz), allows accuracy, false signal reduction and continuous FHR recognising.

F Compact et léger. Grande écran LCD de6", on peut l'enclencher à l'appareil. Affichage simultané des courbes et des données numériques. Stockage de données pendant 12 heures. Monitorage de jumeaux, antepartum et intrapartum.US1/US2/TOCO/FN/AMF. Imprimante incorporée. Facile à mettre en œuvre, avec le logiciel pour PC inclus. Clavier digital. Fonction: FHR, TOCO, reconnaissance automatique des mouvements fœtaux, détection automatique des canaux. Sonde à haute technologie (9 éléments, 2Mhz), haute sensibilité, réduction de faux signaux, reconnaissance FHR continue et précise.

ES Ligero, compacto y confiable. Grande pantalla LCD de 6" que se puede cerrar en la parte superior del aparato. Visualización de forma de ondas y datos numéricos contemporaneamente. 12 horas de memoria. Monitorización gemelar. Monitorización antepartum y intrapartum. US1/US2/TOCO/FN/AMF. Impresora incorporada. De fácil utilización gracias al software para PC incluido. Teclado digital. Funciones: FHR, TOCO, movimiento fetal y reconocimiento automático del canal. Transductor de alta sensibilidad (9 cristales, 2 MHz) para una detección precisa, reducción de los falsos signales, reconocimiento FHR continuo.

P Confiável, leve, compacto. Grande display LCD de 6" que pode ser encaixado na parte superior do aparelho. Mostra contemporaneamente as ondas e os dados numéricos obtidos. 12h de memória. Função de monitoramento gemelar. Monitoramento antepartum e intrapartum. US1/US2/TOCO/FN/AMF. Impressora incorporada. Fácil de usar graças ao software para pc incluso. Teclado digital para a seleção das funções. Funções de FHR, TOCO, reconhecimento automático do movimento do feto e reconhecimento automático do canal. Sonda de alta tecnologia (9 elementos, 2 Mhz) permite precisão, redução de falsos sinais e um contínuo reconhecimento FHR.

LTD560 TWIN CADENCE II - Software included - Battery not included



Accessories included 2 FHR probes, 1 TOCO probe, 1 events marker, 1 elastic band, 1 gel, 1 paper roll , 1.6a fusible,1 user manual, 1 cd software, 1 RS232 cable, 1 power cable

Livré avec 2 sondes FHR, 1 sonde TOCO, 1 marqueur d'événements, 1 ceinture élastique, 1 flacon de gel, 1 bobine papier, 1 fusible1.6A, 1 mode d'emploi, 1 cd logiciel, 1 câble RS232, 1 câble d'alimentation

Incluye 2 transductores FHR, 1 transductor TOCO, 1 marcador de eventos, 1 banda elástica, 1 gel, 1 rollo de papel, 1 fusible 1.6A, 1 manual de instrucciones, 1 cd software, 1 cable RS232, 1 cable de alimentación

Acessórios inclusos 2 sondas FHR, 1 sonda TOCO, 1 marcador de eventos, 1 cinto elástico, 1 frasco de gel, 1 rolo de papel, 1 1.6A fusível, 1 manual de instruções, 1 cd software, 1 cabo RS232, 1 cabo de alimentação

TECHNICAL FEATURES

Dimensions and weight: 300x270x100h - 3,5 kg
Safety: Comply with IEC60601-1, IEC60601-1-2 EN55011, IEC1157,YY0449-2003

Electrical protection
Class I equipment without internal power supply
Protection level: FHR1, FHR2, TOCO, remote maker, fetal stimulator CLASS B - No waterproof
No use with flammable gas presence
EMC: Group I class A

Power supply
Operating voltage: 100V-240V AC
Line frequency: 50/60 Hz
Pmax: 60VA - **Fuse**: T1.6AL

Display
Backlight fluorescent warm cathode
Visual Active: 103.0x79.0H mm (320x240 dots)
Resolution: 85 dots per inch
Paper printing speed: 1cm/min, 2cm/min, 3cm/min
FHR 7 cm - **FHR scaling**: 30BPM/cm
TOCO 3,4 cm - TOCO scaling 25%/o,85 cm
Data accuracy: ±5% (X axis) ±5% (Y axis)
Record message: DATE , TIME,TOCO type, paper speed, FHR type, PRINT , EVENT MARK SYMBOL, BED N°

Ultrasound channel
Pick detection autocorrelation technique
Impulse repetition: 3.2KHz
Impulse time 114 µs
Ultrasound frequency: 2MHz±10%
Iob<10 mW/cm2
FHR range 50BPM-210BPM
Resolution: 1 bpm - **Accuracy**: ± 2 bpm

AFM
Doppler and Ultrasound
Range: 0-100 (%)
Resolution: 1%
Gain control: Manual/Automatic
Marking
Manual fetal movement marking



EN F6 FETAL MONITOR TWIN TOCO, COLOURED MONITOR WITH PRINTER
F MONITEUR FOETAL TOCO F6 GÉMELLAIRE, ÉCRAN COULEUR ET IMPRIMANTE
ES MONITOR FETAL F6 TOCO GEMELAR, PANTALLA COLORES CON IMPRESORA
P MONITOR FETAL TOCO F6 GEMELAR, DISPLAY A CORES COM IMPRESSORA

EN Reliable, compact, lightweight. LCD coloured display 10.2". It displays data and waveforms simultaneously. 12 hours memory. Twins monitoring function. Antepartum and intrapartum monitoring. US1/US2/TOCO/FN/AMF. Built-in printer. Easy to use with the included software. Selectable functions from keyboard. Basic functions: FHR, TOCO, fetal movement, automatic channel recognition. The high technology probe (9 elements, 2Mhz) allows accuracy, false signal reduction and continuous FHR recognising.

F Compact, léger, très fiable. Écran couleur LCD 10.2". Affichage simultané des courbes et des données numériques. Stockage de données pendant 12 heures. Monitorage de jumeaux, antepartum et intrapartum. US1/US2/TOCO/FN/AFM. Imprimante incorporée. Facile à mettre en œuvre, avec le logiciel pour PC inclus. Clavier digital. Fonction: FHR, TOCO, reconnaissance automatique des mouvements fœtaux, détection automatique des canaux. Sonde à haute technologie (9 éléments, 2Mhz), haute sensibilité, réduction de faux signaux, reconnaissance FHR continue et précise.

ES Ligero, compacto y confiable. Pantalla colores LCD 10.2". Visualiza las ondas y los datos numéricos contemporaneamente. 12 horas de memória. Monitorización gemelar antepartum e intrapartum. US1/US2/TOCO/FN/AMF. Impresora incorporada. De fácil utilización gracias al software para PC incluido. Teclado digital. Funciones: FHR, TOCO, movimiento fetal y reconocimiento automático del canal. Transductor de alta sensibilidad (9 cristales, 2 MHz) para una detección precisa, reducción de los falsos signales, reconocimiento FHR continuo.

P Leve, compacto, preciso. Display LCD a cores de 10.2". Visualiza as ondas e os dados numéricos contemporaneamente. 12 horas de memória. Monitoragem de gêmeos antepartum e intrapartum. US1/US2/TOCO/FN/AMF. Impressora incorporada. Fácil de usar graças ao software para PC incluso. Teclado digital. Funções: FHR, TOCO, reconhecimento automático do movimento do feto e do canal. Sonda de alta tecnologia (9 elementos, 2 MHz) permite precisão, redução de falsos sinais, contínuo reconhecimento FHR.



LTD570

Folding 10.2" colour screen
Optional dual FHR monitoring
Software for data transmission to PC
Signal overlap verification

It includes 2 FHR probes, 1 TOCO probe, 1 events marker, 1 elastic band, 1 gel, 1 paper roll, 1 fusible 1.6A, 1 user manual, 1 CD (software), 1 RS232 cable, 1 power cable
Livré avec 2 sondes FHR, 1 sonde TOCO 1 marqueur d'événements, 1 ceinture élastique, 1 flacon de gel, 1 bobine papier, 1 fusible1.6A, 1 mode d'emploi, 1 cd logiciel en Anglais, 1 câble RS232, 1 câble d'alimentation
Incluye 2 transductores FHR, 1 transductor TOCO, 1 marcador de eventos, 1 banda elástica, 1 gel, 1 rollo de papel, 1 fusible 1.6A, 1 manual de instrucciones, 1 cd software, 1 cable RS232, 1 cable de alimentación
Na embalagem 2 sondas FHR, 1 sonda TOCO, 1 marcador de eventos, 1 cinto elástico, 1 frasco de gel, 1 rolo de papel, 1 1.6A fusível, 1 manual de instruções, 1 cd software em inglês, 1 cabo RS232, 1 cabo de alimentação

TECHNICAL FEATURES

Dimension: 347x330x126mm
Weight: 6 kg. approximately
Resolution: 800x480
Recorder: US/international standard
Printing speed: 1/2/3 cm/min
Fast print speed: up to 25 mm/min (stored traces)
Paper: Z-fold thermosensitive (150/152mm wide)

Ultrasound

Technique: ultrasound pulse doppler with autocorrelation
Pulse repetition rate: 2 KHz
Ultrasound frequency: 1,0 MHz ±10%
FHR Range: 50 bpm – 240 bpm
Resolution: 1 bpm
Accuracy: ±2 bpm

TOCO

TOCO Range: 0-100 relative (%)
Resolution: 1 count
Zero mode: automatic/manual
Auto Fetal Movement (AFM)
Technique: pulsed doppler ultrasound
AFM range: 0-100(%)
Resolution: 1%
Marking: manual fetal movement mark
Battery: 14,8V rechargeable Lithium-ion
Continuous working time: 4 hours
Signal interface: RS232 and Ethernet

EN DUS 3 PORTABLE ECOGRAPH WITH 10" DISPLAY – 1 PROBE CONNECTION
F ÉCHOGRAPHE PORTABLE DUS 3- ÉCRAN 10" – 1 CONNECTEUR DE SONDE
ES ECÓGRAFO PORTATIL DUS 3 PANTALLA 10" – 1 CONEXIÓN SONDA
P ECÓGRAFO PORTÁTIL DUS 3 MONITOR 10" – 1 CONEXÃO DE SONDA

EN 10" display non-interlaced. Interchangeable probes. Real-time zooming. 128 frames cine-loop. 128 frame permanent image storage. Thanks to USB port for PC connection, it's possible to transfer images in real-time (software included). Keyboard with trackball easy to use.

F Écran 10" sans entrelacement. Sondes interchangeables. Zoom en temps réel. 128 frames cineloop. Stockage de 128 images. Port USB 1.1 qui permet de charger les images rapidement sur PC en temps réel (logiciel inclus). Clavier avec trackball facile à utiliser.

ES Pantalla de 10" no entrelazada. Posibilidad de elegir entre sondas distintas. Zoom en tiempo real.128 imágenes cine loop. 128 imágenes fijas en memoria. Con el interfaz USB 1.1 se pueden cargar imágenes en el ordenador en la modalidad tiempo real (software incluido). Teclado con trackball para una fácil utilización.

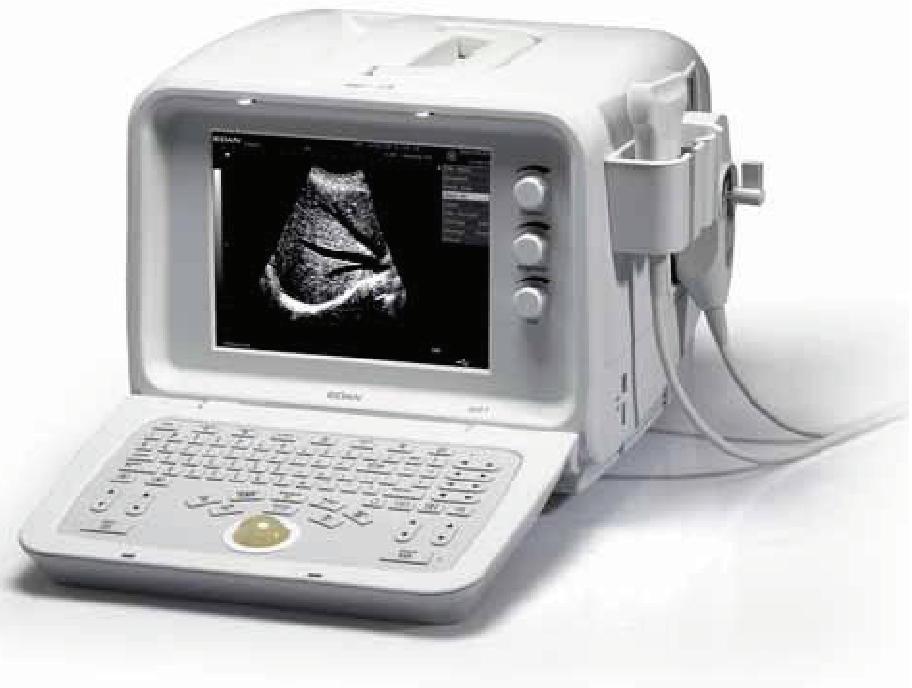
P Monitor de 10" não-entrelaçado. Sondas intercambiáveis. Zoom em tempo real. 128 frames cineloop. 128 frames permanentes de memória. Porta USB 1.1 que permite carregar imagens rapidamente no computador em tempo real (software incluso). Teclado com trackball para uma fácil utilização.

LTD940
Dus 3 ecograph 10" monitor
Software and LDR920 probe included

OPTIONAL PRINTER SONY-MITSUBISHI P93W



THE DEVICE AUTOMATICALLY DETECTS THE PROBE.



1 PROBE CONNECTION ONLY

AVAILABLE PROBES:

LDR920 Convex probe for DUS 3 – 2,5/3,5/5,0 MHz 80 Elements (equipped with the product) Abdomen, Gynecology, Fetal / Obstetrics, and Pediatrics;

LDR921 Linear probe for DUS 3 – 6,0- 8,0- 10,0 MHz 80 Elements (optional) Small parts (galactophore, thyroid gland, prostate), Neonatal Cephalic, Peripheral Vascular, Musculo-skeletal (both Conventional and Superficial).

LDR922 Endovaginal probe for DUS 3 –5,0/6,5/8,0 MHz 80 Elements (optional) Transvaginal / Transrectal: Gynecology, Fetal / Obstetrics, and Urology

LDR923 Micro Convex probe for DUS 3 – 2,5/3,5/5,0 MHz 80 Elements (optional) Abdomen, Gynecology, Fetal / Obstetrics, Pediatrics and Cardiology

LDR924 Endorect probe for DUS 3 –6,0- 8,0- 10,0 MHz 80 Elements (optional) Rectum and the surrounding viscera, uterus, ovary and prostate

Accessories included	1 CONVEX probe LDR920 – 1 cable – 1 ground cable – 2 fuses (520, T1.6AL/250V) – 1 gel pack of 250ml – 1 instruction manual – 1 probe holder
Livré avec	1 sonde CONVEX LDR920– 1 câble– 1 câble de terre– 2 fusibles 520, T1.6AL/250V– 1 flacon de gel 250ml – 1 mode d'emploi– 1 porte-sonde
Incluye	1 sonda CONVEX LDR920 – 1 cable – 1 cable tierra – 2 fusibles 520, T1.6AL/250V– 1 gel de 250ml – 1 manual de instrucciones – 1 apoyo sonda
Acessórios inclusos	1 sonda CONVEX LDR920– 1 cabo– 1 cabo terra– 2 fusíveis 520, T1.6AL/250V– 1 frasco de gel de 250ml – 1 manual de instruções – 1 porta sonda



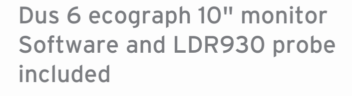
EN DUS 6 PORTABLE ECOGRAPH WITH 10" DISPLAY - 2 PROBE CONNECTIONS
F ÉCHOGRAPHE PORTABLE DUS 6- ÉCRAN 10" - 2 CONNECTEURS DE SONDE
ES ECÓGRAFO PORTATIL DUS 6 PANTALLA 10" - 2 CONEXIONES SONDA
P ECÓGRAFO PORTÁTIL DUS 6 MONITOR 10" - 2 CONEXÕES DE SONDA

EN 10" display non-interlaced. Interchangeable probes. Real-time zooming. 128 frames cine-loop. 128 frame permanent image storage. Thanks to USB port for PC connection, it's possible to transfer images in real-time (software included). Keyboard with trackball easy to use.

F Écran 10" sans entrelacement. Sondes interchangeables. Zoom en temps réel. 128 frames cineloop. Stockage de 128 images. Port USB 1.1 qui permet de charger les images rapidement sur PC en temps réel (logiciel inclus). Clavier avec trackball facile à utiliser.

ES Pantalla de 10" no entrelazada. Posibilidad de elegir entre sondas distintas. Zoom en tiempo real.128 imágenes cine loop. 128 imágenes fijas en memoria. Con el interfaz USB 1.1 se pueden cargar imágenes en el ordenador en la modalidad tiempo real (software incluido). Teclado con trackball para una fácil utilización.

P Monitor de 10" não-entrelaçado. Sondas intercambiáveis. Zoom em tempo real. 128 frames cineloop. 128 frames permanentes de memória. Porta USB 1.1 que permite carregar imagens rapidamente no computador em tempo real (software incluso). Teclado com trackball para uma fácil utilização.


LTD945
Dus 6 ecograph 10" monitor Software and LDR930 probe included


THE DEVICE AUTOMATICALLY DETECTS THE PROBE.


INSTALLATION AND TRAINER NOT INCLUDED.



Accessories included 1 CONVEX probe LDR920 -1 cable -1 ground cable - 2 fuses (520, T1.6AL/250V) - 1 gel pack of 250m l - 1 instruction manual - 1 probe holder

Livré avec 1 sonde CONVEX LDR920 -1 câble - 1 câble de terre -2 fusibles 520, (T1.6AL/250V), -1 fla con de gel 250ml -1 mode d'emploi -1 porte-sonde

Incluye 1 sonda CONVEX LDR920 -1 cable - 1 cable tierra -2 fusibles 520, (T1.6AL/250V), - 1 gel de 250ml - 1 manual de instrucciones -1 apoyo sonda

Acessórios inclusos 1 sonda CONVEX LDR920 -1 cabo -1 cabo terra -2 fusíveis 520, T1.6AL/250V-1 frasco de gel de 250ml -1 manual de instruções - 1 porta sonda

2PROBE CONNECTIONS
AVAILABLE PROBES:

LDR930 Convex probe for DUS 6 - 2,5/3,5/5,0 MHz 96 Elements (equipped with the product) Abdomen, Gynecology, Fetal / Obstetrics, and Pediatrics;

LDR931 Linear probe for DUS 6 - 6,0- 8,0- 10,0 MHz 96 Elements (optional) Small parts (galactophore, thyroid gland, prostate), Neonatal Cephalic, Peripheral Vascular, Musculo-skeletal (both Conventional and Superficial).

LDR932 Endovaginal probe for DUS 6 -5,0/6,5/8,0 MHz 96 Elements (optional) Transvaginal / Transrectal: Gynecology, Fetal / Obstetrics, and Urology

LDR933 Micro Convex probe for DUS 6 - 2,5/3,5/5,0 MHz 80 Elements (optional) Abdomen, Gynecology, Fetal / Obstetrics, Pediatrics and Cardiology

LDR934 Endorect probe for DUS 6 -6,0- 8,0- 10,0 MHz 96 Elements (optional) Rectum and the surrounding viscera, uterus, ovary and prostate

TECHNICAL FEATURES FOR LTD940-945

Monitor: 10" non-interlaced progressive scanning black and white monitor (LTD940-945), 14”

Resolution: 800×575 pixels

Display Modes: B, B+B, 4B, B+M, and M

Image Gray Scale: 256 levels

Image Magnification: ×1.0, ×2.0,×3.0, ×4.0 in real time

Saving Image: JPEG: 1000 frames; or BMP: 128 frames

CINE Review Playback: 204 frames

Depth Shift: B, B+B, 4B, B+M, M-modes in real time, in increments of 10 mm

Frame Correlation Coefficient: 8 levels to adjust (0~7), (B, B+B, 4B, B+M-modes, ineffective when freezing)

Image Conversion: Up/Down flip, Left/Right flip

Acoustic power:16 levels to adjust (0~15)

Dynamic range: 35dB~65dB (16 levels, in 2 dB increments)

Focus position: 16 levels to adjust

Focus number: Max. 4

Software packages: Abdomen, obstetrics, small parts, gynecology, orthopedics, cardiology, and urology.

B-mode Measurement: Distance, circumference, area, volume, ratio, % stenosis, and angle

M-mode Measurement: Distance, time, slope, heart rate (2 cycles)

Annotations: Patient name, age, sex, time, date, hospital name, doctor name, comment (full-screen character editing)

Body Mark > 80 types

USB port: USB 1.1

Power supply: a.c. 100~240V, 50Hz/60Hz,

Main unit dimensions: 35x31x25cm

Weight: Approx. 11.5 Kg

Video printer output: 110x82 mm

USB printer output: A4 paper 210x297 mm





C0120
Trolley for ecographs (optional)
See page 232/233



C0155
Trolley for ecographs (optional)
See page 232/233



EN DUS 8 ECOGRAPH WITH TROLLEY WITH 14" DISPLAY - 2 PROBE CONNECTIONS
F ÉCHOGRAPHE MOBILE SUR CHARIOT DUS 8- ÉCRAN 14" - 2 CONNECTEURS DE SONDE
ES ECÓGRAFO CON CARRO DUS 8 PANTALLA 14" - 2 CONEXIONES SONDA
P ECÓGRAFO PORTÁTIL COM CARRO DUS 8 MONITOR 14" - 2 CONEXÕES DE SONDA

EN The new ultrasound scanner for abdominal, cardiological, urological and gynecological analysis. In the white and black display it's possible to check: date, week, hour, probe frequency, patient number memorisation, name of the doctor and name of the hospital, zoom, values, physical details, probe position, full screen mode. Internal memory card, external USB memory-stick. Thanks to USB port, you can transfer images to your PC in real time. Keyboard with trackball, easy to use. Non-interlaced display and different kinds of probe available.

F Ce nouveau échographe permet l'analyse et le traitement de données pour des examens abdominal, cardiologique, urologique, gynécologique-obstétrique. Affichage sur l'écran noir et blanc de: date, semaine, heure, fréquence de la sonde, mémoire du numéro du patient, nom du docteur et de l'hôpital, zoom, valeurs, caractéristiques physiques, position des sondes, modalité en plein écran. Mémoire flash interne et memory-stick USB externe. Port USB 1.1 qui permet de charger les images rapidement sur PC en temps réel (logiciel inclus). Clavier avec trackball facile à utiliser. Plusieures sondes en option.

ES El nuevo ecógrafo de ultrasonido se utiliza para análisis abdominales, cardiológicas, urológicas y ginecológicas. En la pantalla en blanco y negro se visualizan: fecha, semana, hora, frecuencia de la sonda, memorización del número del paciente, del nombre del doctor y del hospital, zoom, valores, características físicas, posición de las sondas, modalidad full screen. Memoria flash interna, memory-stick USB externa. Con el interfaz USB 1.1 se pueden cargar imágenes en el ordenador en la modalidad tiempo real. Teclado con trackball para una fácil utilización. Pantalla no entrelazada y distintas sondas opcionales.

P O novo ecógrafo de ultrasonografia é utilizado para análises abdominais, cardiológicas, urológicas e ginecológicas-obstétricas. Visualização no display branco e preto: data, semana, hora, frequência da sonda, memorização do número do paciente, nome do médico e do hospital, zoom, valores, características físicas, posição das sondas, modalidade tela cheia. Memória flash interna, memory-stick USB externa. Porta USB 1.1 que permite carregar imagens rapidamente no computador em tempo real (software incluso). Teclado com trackball para uma fácil utilização. Diversas sondas opcionais.

LTD950
DUS 8 - ECOGRAPH WITH TROLLEY 14" MONITOR LDR940 PROBE INCLUDED

THE DEVICE DETECTS THE PROBE AUTOMATICALLY

2PROBE CONNECTIONS

AVAILABLE PROBES:

LDR940 Convex probe for DUS 8- 2,5/3,5/5,0 MHz 96 Elements (equipped with the product) Abdomen, Gynecology, Fetal/Obstetrics, and Pediatrics;

LDR941 Linear probe for DUS 8 - 6,0- 8,0- 10,0 MHz 96 Elements (optional) Small parts (galactophore, thyroid gland, prostate), Neonatal Cephalic, Peripheral Vascular, Musculo-skeletal (both Conventional and Superficial).

LDR942 Endovaginal probe for DUS 8 -5,0/6,5/8,0 MHz 96 Elements (optional) Transvaginal/Transrectal, Gynecology, Fetal/Obstetrics, and Urology

LDR943 Micro Convex probe for DUS 8 - 2,5/3,5/5,0 MHz 80 Elements (optional) Abdomen, Gynecology, Fetal/Obstetrics, Pediatrics and Cardiology

LDR944 Endorect probe for DUS 8 -6,0- 8,0- 10,0 MHz 96 Elements (optional) Rectum and the surrounding viscera, uterus, ovary and prostate

Accessories included	1 CONVEX probe LDR940- 1 cable- 1 ground cable- 2 fuses (520, T1.6AL/250V)- 1 gel pack of 250ml- 1 instruction manual- 1 installation guide.
Livré avec	1 sonde CONVEX LDR920- 1 câble- 1 câble de terre- 2 fusibles 520, T1.6AL/250V- 1 fla con de gel 250ml - 1 mode d'emploi- 1 mode d'installation.
Incluye	1 sonda CONVEX LDR940 - 1 cable - 1 cable tierra- 2 fusibles 520, T1.6AL/250V- 1 gel de 250ml- 1 manual de instrucciones- 1 guia de instalación.
Acessórios inclusos	1 sonda CONVEX LDR920- 1 cabo- 1 cabo terra- 2 fusíveis 520, T1.6AL/250V- 1 frasco de gel de 250ml - 1 manual de instruções - 1 guia de instalação.





TECHNICAL FEATURES

Monitor: 14" non-interlaced progressive scanning black and white monitor
Resolution: 800×575 pixels
Display Modes: B, B+B, 4B, B+M, and M
Image Gray Scale: 256 levels
Image Magnification: ×1.0, ×2.0,×3.0, ×4.0 in real time
Saving Image: JPEG: 1000 frames; or BMP: 128 frames
CINE Review Playback: 204 frames
Depth Shift: B, B+B, 4B, B+M, M-modes in real time, in increments of 10 mm
Frame Correlation Coefficient: 8 levels to adjust (0~7), (B, B+B, 4B, B+M-modes, ineffective when freezing)
Image Conversion: Up/Down flip, Left/Right flip
Acoustic power: 16 levels to adjust (0~15)
Dynamic range: 35dB~65dB (16 levels, in 2 dB increments)
Focus position: 16 levels to adjust
Focus number: Max. 4
Software packages: Abdomen, obstetrics, small parts, gynecology, orthopedics, cardiology, and urology.
B-mode Measurement: Distance, circumference, area, volume, ratio, % stenosis, and angle
M-mode Measurement: Distance, time, slope, heart rate (2 cycles)
Annotations: Patient name, age, sex, time, date, hospital name, doctor name, comment (full-screen character editing)
Body Mark: > 80 types
USB port: USB 1.1
Power supply: a.c. 100~240V, 50Hz/60Hz,
Main unit dimensions: 530x700x1300 mm
Weight: Approx. 11.5 Kg



EN SPIROLAB III DIAGNOSTIC SPIROMETER, COLOR GRAPHIC DISPLAY, HIGH RESOLUTION
F SPIROMÈTRE DE DIAGNOSTIC SPIROLAB III, ÉCRAN GRAPHIQUE COULEUR À HAUTE RÉSOLUTION
ES ESPIRÓMETRO DE DIAGNÓSTICO SPIROLAB III, PANTALLA COLORES DE ALTA RESOLUCIÓN
P ESPIRÔMETRO DIAGNÓSTICO SPIROLAB III, DISPLAY GRÁFICO A CORES DE ALTA RESOLUÇÃO

EN Silent thermal printer and report in few seconds (112 mm width / 30mt paper). Bluetooth® printer connection. Selectable theoric value and language. Memory for 6000 tests. Oximeter (optional) with 1000 hours memory recorder. Back-up data registration for 10 years. Digital turbine flow meter with guaranteed accuracy in all environmental conditions. PRE-POST bronchodilator comparison. User friendly keyboard. Mains functions: FVC, VC , MMV, Spo2, data archive, new subject, results, print. Up to 8 separately displayed test. Lung age estimation. Alarm message in case of values discrepance. Visual and audio indication after 6 sec of forced expiration.

F Imprimante interne rapide et silencieuse. Papier 112mm largeur, 30m. Connexion avec imprimante externe par Bluetooth®. Sélection de la langue et des valeurs théoriques. Mémoires pour 6000 spirométries. Oxymétrie, capacité d'enregistrement de 1000h. Rappel de valeurs des dernières 10 années. Turbine digitale de très haute précision en toutes conditions environnementales. Comparaison broncodilatation PRE-POST. Clavier multifonctions. Fonctions principaux : FVC, VC, MVV, SpO2, mémoire de données, nouveau sujet, résultats, impression. Enregistre les trois meilleurs tests. Jusqu'à 8 épreuves sur une page-écran. Estimation de l'âge des poumons. Alarme en cas de discordance des paramètres enregistrés. Alarme visuelle et sonore après 6 secondes d'expiration forcée.

ES Impresora interna rápida y silenciosa. Papel 112 mm de ancho por 30m. Conexión con impresora externa por Bluetooth®. Valores teóricos y idioma seleccionables. Posibilidad de almacenaje por más de 6.000 espirometrías. Oxímetro (opcional) con memoria hasta 1.000 horas de registración. Back-up de los valores de los últimos 10 años. La turbina digital garantiza la máxima precisión en cualquiera condición ambiental. PRE-POST respuesta al protocolo bronquial. Teclado multifuncional. Funciones principales: FVC, VC, MVV, SpO2, almacenaje datos, nuevo sujeto, resultados, imprenta. Hasta 8 curvas flujo/volumen visualizadas en la pantalla. Estimación del edad pulmonar. Mensajes de alarma en caso de discrepancia entre los parámetros registrados. Indicación visual y sonora después de 6 segundos de espiración forzada.

P Impressora interna veloz e silenciosa, largura do papel 112mm por 30 m. Conexão com a impressora por Bluetooth®. Valores teóricos e língua selecionáveis. Memória para mais de 6000 espirometrias. Oxímetro (opcional) com memória até 1000 horas de registração. Back up dos valores medidos por 10 anos. Turbina digital para garantir o máximo cuidado em quaisquer condições ambientais. Comparação PRE-POST broncodilatador. Teclado multifuncional. Principais funções: FVC, VC, MVV, SpO2, dados de arquivo, novo assunto, resultados, impressão. Até 8 curvas fluxo/volume visualizadas no display. Fornece a estimativa da idade pulmonar. Mensagens de alarme em caso de discrepância entre os valores medidos. Indicação visual e auditiva após 6 segundos de expiração forçada.

LTM209C SPIROLAB III
Standard configuration

LTM209B SPIROLAB III
With oxy configuration 3 tests practicable: oximetry during efforts, sleep oximetry with desaturation events, short or long term (overnight) SpO2 and pulse rate measurements min, max and medium values, SPO2, pulse frequency, delta index ODI, NOD, T90%, T89%, T88, T87%, etc.
Parameter visualized on display, without PC connection



Accessories included Carrying bag, USB cable, 2 mouth pieces, 1 nose piece, WinspiroPRO software, instruction manual
Livré avec Malette de transport, câble USB, 2 embouts buccaux, 1 embout nasal, logiciel WinspiroPRO, mode d'emploi
Incluye Bolsa de transporte, cable USB, 2 boquillas ,1 pieza para nariz, software WinspiroPRO, manual de instrucciones
Acessórios inclusos Bolsa de transporte, cabo USB, 2 bocais, 1 prendedor de nariz, software WinspiroPRO, manual de instruções

TECHNICAL FEATURES
Power supply: Rechargeable battery, mains power 200V/50Hz
Temperature sensor: Semiconductor 0-45° C
Flow/volume transducer: digital turbine
Flow/volume range: ± 16 l/s L, BTPS
Volume accuracy: ± 3% or 50 mL
Flow accuracy: ± 5% or 200 mL/s
Dynamic resistance: <0.8 cm H2O/l/s
Colour display: FSTN grafic 240x320 pixel
Printer/paper: Thermal, 112 mm width
Mouthpieces: Ø 30 mm external diameter
Connections: USB, Bluetooth® for printer (see compatible printer list) and RS 232 (optional)
Dimensions: 310 x 205 x 65 mm
Weight: 1,9 Kg
Parameters: VC, FVC, FEV1, FEV1/VC%, FEV1/FVC%, FEV6, FEV1/FEV6%, PEF, FEF2575, FEV3, FEV3/FVC%, ELA, FET, FVC, FEV1, FEF25, FEF50, FEF75, Evol, MVV(calc), FIVC, FIV1, FIVC%, PIF, EVC, IVC, IC, ERV, TV, VE, RR, Tl, TE, Tl/tot, TV/t, MVV

EN SPIROLAB II DIAGNOSTIC SPIROMETER, COLOR GRAPHIC DISPLAY
F SPIROMÈTRE DE DIAGNOSTIC SPIROLAB II ÉCRAN GRAPHIQUE COULEUR À HAUTE RÉSOLUTION
ES ESPIRÓMETRO DE DIAGNÓSTICO SPIROLAB II, PANTALLA COLORES DE ALTA RESOLUCIÓN
P ESPIRÔMETRO DIAGNÓSTICO SPIROLAB II, DISPLAY GRÁFICO A CORES

EN Silent thermal printer, few seconds report (112 mm width / 30mt paper). Internal standard adults and children values parameters. Memory for 1500 tests. Up to 8 tests separately displayed. Over 30 parameters with automatic interpretation and test quality control. FVC, VC with breathing pattern plus MVV tests with real time curves. Rechargeable battery and main power supply. Internal temperature sensor for automatic BTPS conversion. User-friendly keyboard with dedicated function keys plus alphanumeric data entry. Only 1.9 kg. Dimensions similar to PC. WinspiroPRO software is included. PRE-POST bronchial challenge test. FEV1 dose-response curves. Lung age estimation.

F Imprimante interne rapide et silencieuse. Papier 112mm largeur, 30m. Valeurs prédites selon les différents auteurs. Base de données pour plus de 1500 tests complets. Jusqu'à 8 épreuves sur une page-écran. Plus de 30 paramètres avec interprétation automatique et test de contrôle de la qualité. FVC, VC avec pattern respiratoire, tests MVV et courbes en temps réel. Batterie rechargeable et câble d'alimentation. Capteur de température interne pour la conversion BTPS. Clavier facile à utiliser: touches alphanumériques pour entrer les données et info-dédiées. Logiciel interne. Seulement 1.9kg, un vrai portable. Comparaison broncodilatation PRE-POST. Courbes FEV1 dose-réponse. Estimation de l'âge des poumons.

ES Impresora térmica rápida y silenciosa, completos informes espirométricos impresos en segundos. Papel 112 mm de ancho por 30m. Valores teóricos de diversos autores para adultos y niños. Base de datos integrada para más de 1500 pruebas. Se pueden visualizar hasta 8 pruebas en una pantalla. Más de 30 parámetros con interpretación automática y control de calidad de la prueba. FVC, VC con gráfico del perfil respiratorio, más prueba de MVV con curvas en tiempo real. Batería recargable y alimentación de red. Sensor interno de temperatura para la conversión automática a BTPS. Teclado ergonómico con 15 teclas para funciones específicas y alfanuméricas para la entrada de datos. 1,9 kg. solamente, con dimensiones parecidas a un ordenador. Software WinspiroPRO incluido. PRE-POST prueba de provocación bronquial con curvas FEV1 dosis-respuestas. Estimación del edad pulmonar.

P Impressora térmica veloz e silenciosa, para um relatório completo em poucos segundos, largura do papel 112mm por 30 m. Valores teóricos para adultos e crianças de acordo com os diversos autores. Arquivo de dados para mais de 1500 testes completos. Até 8 testes visualizados separadamente no display. Mais de 30 parâmetros com interpretação automática e controle de qualidade do teste. FVC, VC com perfil respiratório mais teste MVV com curvas em tempo real. Alimentação a bateria recarregável e corrente de rede. Sensor de temperatura para conversão automática BTPS. Teclado ergonômico com 15 teclas de funções dedicadas e teclas alfanuméricas para inserimento de dados. Somente 1.9 Kg. Dimensões similares a de um pc. Software WinspiroPRO incluso. Teste de provocação bronquial PRE-POST com curva dose-resposta FEV1. Estimativa da idade pulmonar.



LTM208 SPIROLAB II
(SOFTWARE INCLUDED)

LTM208M SPIROLAB II
SOFTWARE INCLUDED
DISPOSABLE TURBINES ONLY



Accessories included	Carrying case, RS232 interface cable, 2 mouth pieces, nose clamp, instruction manual
Livré avec	Malette de transport, câble interface RS232, 2 embouts buccaux, 1 embout nasal, mode d'emploi
Incluye	Bolsa de transporte, cable para interfaz RS232, 2 boquillas, pieza para nariz, manual de instrucciones
Acessórios inclusos	Bolsa de transporte, cabo para interface RS232, 2 bocais, prendedor de nariz, manual de instruções

TECHNICAL FEATURES

Power supply: Rechargeable battery, mains power 220V/50Hz
Temperature sensor: Semiconductor 0-45°C
Flow/volume transducer: digital turbine
Flow/volume range: ± 16 L/s , BTPS
Volume accuracy: ± 3% or 50 mL
Flow accuracy: ± 5% or 200 mL/s
Dynamic resistance: <0.8 cm H2O/L/s
Colour display: FSTN 240x320 pixel
Printer/paper: Thermal, 112x30 mm width
Mouthpieces: Ø 30 mm external diameter
Serial output: RS 232, optoisolated
Dimensions: 310 x 205 x 65 mm
Weight: 1,9 Kg
Parameters: FVC, FEV1, FEV1%, FEV6, FEV6%, FEV1/FEV6%, PEF, FEF25-75%, FEF25%, FEF50%, FEF75%, FET, Vext, PIF, FIVC, FIV1, FIV1%, VC, IVC, ERV, IC, VT, VE, BF, Ti, Te, Ti/Ttot, VT/Ti, MVV



EN SPIROBANK "G" USB DIAGNOSTIC SPIROMETER WITH GRAPHIC DISPLAY
F SPIROMÈTRE DE DIAGNOSTIC SPIROBANK G USB ÉCRAN GRAPHIQUE
ES ESPIRÓMETRO DE DIAGNÓSTICO SPIROBANK G USB CON PANTALLA GRÁFICA
P ESPIRÔMETRO DIAGNÓSTICO SPIROBANK G USB COM DISPLAY GRÁFICO

EN Diagnostic pocket spirometer with graphic display. FVC, VC, IVC, MVV, PRE-POST BD tests. Internal temperature sensor for automatic BTPS. The turbine flow sensor requires no calibration and complies with ATS features. 6.000 spirometry test memory. Via Internet upgradable internal software. Lung age estimation. USB and Bluetooth® connections. Software WinspiroPRO included.

F Spiromètre de diagnostic de poche à écran graphique. Tests FVC, VC, IVC, MVV, PRE-POST BD. Capteur de température interne pour la conversion automatique BTPS. La turbine ne nécessite aucune calibration. Ces turbines sont produites en respect des normes ATS. Mémoire jusqu'à 6.000 tests. Logiciel WinspiroPRO interne qui se met à niveau via PC. Estimation de l'âge des poumons. Porte USB et connexion Bluetooth®.

ES Espirómetro de bolsillo con pantalla gráfica. Pruebas de FVC, VC, IVC, MVV, PRE-POST BD. Sensor de temperatura para conversión automática BTPS. La turbina no necesita calibración y está en conformidad con el estándar ATS. Memorización hasta 6.000 pruebas. Software interno que se puede actualizar con el PC. Estimación del edad pulmonar. USB y Bluetooth® conexiones. Software WinspiroPRO incluido.

P Espirômetro de bolso com display gráfico. Testes FVC, VC, IVC, MVV, PRE-POST BD. Sensor de temperatura para conversão automática BTPS. A turbina não precisa de calibração e está em conformidade com as características ATS. Memorização até 6.000 testes. Software interno WinspiroPRO que pode ser atualizado conectando o PC à internet. Fornece estimativa da idade pulmonar. Porta USB e conexão Bluetooth®.

LTM206 SPIROBANK G USB
(SOFTWARE INCLUDED)



DRV119 Disposable turbines (100 pcs)
Spirobank G USB compatible

Accessories included	Carrying bag, USB cable, 2 disposable mouth pieces, plastic noseclip, WinspiroPRO software CD.
Livré avec	malette de transport, câble USB, 2 embouts buccaux usage unique, 1 embout nasal, CD logiciel Win spiroPRO.
Incluye	Bolsa de transporte, cable USB, 2 boquillas desechables, 1 pieza para nariz, CD con software Win spiroPRO.
Acessórios inclusos	Bolsa de transporte, cabo USB, 2 bocais descartáveis, 1 prendedor de nariz, CD com software Win spiroPRO.

TECHNICAL FEATURES

Temperature sensor: semiconductor (0-45 °C)
Flow sensor: bi-directional digital turbine
Max volume: 10 L
Flow range: ± 16 L/s
Volume accuracy: ± 3% or 50 mL, whichever is greater
Flow accuracy: ± 5% or 200 mL/s, whichever is greater
Dynamic resistance: at 12L/s: <0.5 cmH2O/L/s
Display: 128 × 48 pixel, graphic LCD - FSTN
Keyboard: 5 keys
Connectivity: USB and Bluetooth®
Power supply: 9V DC (PP3 battery)
Dimensions: 6.4 × 1.9 × 1.3 inch (162 × 49 × 32 mm)
Weight: 180 gr. with battery

TECHNICAL SPECIFICATIONS

Measured parameters: FVC, FEV1, FEV1/FVC%, FEV3, FEV3/FVC%, FEV6, FEV1/FEV6%, PEF, FEF25%, FEF50%, FEF75%, FEF25-75%, FET, Vext, Lung Age, FIVC, FIV1, FIV1/FIVC%, PIF, VC, IVC, IC, ERV, FEV1/VC%, VT, VE, Rf, ti, te, ti/t-tot, VT/ti, MVV

EN SPIROBANK II WITH SOFTWARE
F SPIROBANK II AVEC LOGICIEL
ES SPIROBANK II CON SOFTWARE
P SPIROBANK II COM SOFTWARE

EN Spirometer with internal temperature sensor for automatic BTPS conversion. High resolution/high visibility graphic display. Patient identification by name. Automatically records the best 3 trials. Memory for 6000 tests. Oximeter (optional) with 1000 hours memory recorder. Bluetooth® printer or mobile phone connection. It doesn't need calibration. PRE/POST bronchial response. Automatic interpretation and quality control of measurements. Software WinspiroPRO included for PC connection. Lung age estimation. Bronchial challenge with FEV1 dose-response. Pediatric incentive animations. Data and graphs export also via e-mail.

F Capteur de température interne pour conversion BTPS automatique. Écran graphique à haute résolution. Identification du patient par nom ou code d'identification. 3 meilleurs tests automatiquement sauvegardés. Base de données pour 6000 tests de spirométrie.Oxymètre (en option),capacitéd'enregistrement de 1000 heures. Connexion Bluetooth à l'imprimante ou au téléphone mobile. Ne nécessite aucune calibration. Comparaison broncodilatation PRE-POST. Interprétation automatique et test de contrôle de la qualité. Connexion directe sur PC par le logiciel WinspiroPRO. Estimation de l'âge des poumons. Courbes FEV1 dose-réponse. Plusieurs animations incitatives destinées aux tests pédiatriques. Exportation des résultats de test également par e-mail.

ES Espirómetro con sensor de temperatura para conversión automática BTPS. Pantalla gráfica de alta resolución y visibilidad. Identificación del paciente por nombre. Registra las 3 pruebas mejores automaticamente. Capacidad de memoria para 6.000 espirometrías. Oxímetro (opcional) con memoria hasta 1.000 horas de registración. Conexión Bluetooth para impresora o teléfono móvil. No necesita calibración. Comparación PRE-POST broncodilatación. Interpretación automática y control de calidad de la prueba. El software WinspiroPRO permite la conexión de Spirobank II con el PC. Estimación del edad pulmonar. Prueba de provocación bronquial con curva FEV1 dosis-respuesta. Incentivos pediátricos con animaciones seleccionables. Datos y gráficos exportables por e-mail.

P Espirômetro com sensor de temperatura interna para a conversão automática BTPS. Display gráfico de alta resolução e legibilidade. Identificação dos pacientes por nome. Arquivação automática das três melhores espirometrias. Memória para 6000 testes. Oxímetro (opcional) com memória até 1000 horas de registração. Conexão Bluetooth por impressora ou por telefone celular. Não precisa de calibração. Confronto PRE e POST broncodilatador. Interpretação automática e controle de qualidade da espirometria. Software WinspiroPRO incluso para conexão com pc. Estimativa da idade pulmonar. Teste de provocação bronquial com curva dose/resposta do FEVI. Incentivos pediátricos com animações. Relatório da impressão exportável também via e-mail.

LTM203 SPIROBANK II
Standard



Accessories included Carrying case, RS232 interface cable, 2 mouth pieces, 1 nose clamp, instruction manual, WinspiroPRO software

Livré avec Malette de transport, câble interface RS232, 2 embouts buccaux, 1 embout nasal, mode d'emploi-logiciel, WinspiroPRO

Incluye Bolsa de transporte, cable para interfaz RS232, 2 boquillas, 1 pieza para nariz, manual de instrucciones, software WinspiroPRO

Acessórios inclusos Bolsa de transporte, cabo para interface RS232, 2 bocais, prendedor de nariz, manual de instruções, software WinspiroPRO



TECHNICAL FEATURES

Power supply: 4 AAA batteries mini stilo, 1.5V
Temperature sensor: semiconductor 0-45°C
Flow/volume transducer: bi-directional digital turbine
Flow/volume range: ± 16 L/s , BTPS
Volume accuracy: ± 3% or 50 mL
Flow accuracy: ± 5% or 200 mL/s
Dynamic resistance in 2L/s: <0.8 cm H2O/L/s
Colour display: 128x64 pixel
Keyboard: 6 membrane key
Serial output and data trasmission: USB, Bluetooth, modem without connection for phone connection (telemedicine application) RS 232 with optional cable
Dimensions: 60x 145 x 30 mm
Weight: 0.8 gr batteries included
Parameters: FVC, FEV1, FEV1/FVC%, FEV6, FEV1/FEV6%, PEF, FEF25%, FEF50%, FEF75%, FEF25-75%, FET, Vext, FIVC, FIV1, FIV1/FIVC%, PIF, *FVC, *FEV1, *PEF, VC, IVC, IC, ERV, FEV1/VC%, VT, VE, Rf, ti, te, ti/t-tot, VT/ti, MVV (* = Best value)



EN SPIROMETER SPIROBANK WITH SOFTWARE
F SPIROMÈTRE SPIROBANK AVEC LOGICIEL
ES ESPIRÓMETRO SPIROBANK CON SOFTWARE
P ESPIRÔMETRO SPIROBANK COM SOFTWARE

EN The internal software can be upgraded by connecting to the PC on the internet site www.spirometry.com. Stored test results can be printed by connecting the unit directly to a standard printer. The turbine flow sensor requires no calibration and complies with the ATS features. FVC, VC and MVV tests , 26 parameters with automatic interpretation and quality control test. Up to 100 test memory capacity. Internal temperature sensor for automatic BTPS conversion. Several sets of predicted values. Multilanguage display. User-friendly with simple icon-operation. Possible printout of full spirometry report with flow/volume curve, results and predicted values. PRE-POST curves with parameter comparison.

F Spiromètre de diagnostic de poche. Connexion directe à une imprimante externe. Logiciel WinspiroPRO interne, il se met à niveau via PC. La dernière version se trouve sur le site www.spirometry.com . La turbine digitale ne nécessite aucune calibration. Les turbines sont produites en respect des normes ATS. Tests FVC, VC, MVV. 26 paramètres avec interprétation automatique et test de contrôle de la qualité. Mémoire jusqu'à 100 tests. Capteur de température interne pour la conversion BTPS. Plusieures séries de valeurs prédites. Écran multilingue. Comparaison broncodilatation PRE-POST.

ES El software interno puede ser actualizado conectandose a la página web www.spirometry.com . Se pueden imprimir los resultados de las pruebas conectandose al ordenador. La turbina no necesita calibración y está en conformidad con el estándar ATS. Pruebas de FVC, VC, y MVV, 26 parámetros con interpretación automática y control de calidad. Memorización de 100 pruebas. Sensor de temperatura para conversión automática BTPS. Distintas series de valores previstas. Posibilidad de elegir el idioma en la pantalla. Curva PRE-POST con comparación parámetros.

P O software interno pode ser atualizado conectando o pc a internet no site www.spirometry.com. Os resultados dos testes memorizados podem ser impressos conectando o aparelho diretamente ao pc. O sensor de fluxo a turbina não precisa de calibração e está em conformidade com as características ATS. Teste FVC, VC e MVV, 26 parâmetros com interpretação automática e teste de controle de qualidade. Memorização de 100 testes. Sensor de temperatura interna para conversão BTPS automática. Diversas séries de valores previstos. Possibilidade de escolher a língua do display. Curvas PRE-POST com comparação de parâmetros.



LTM205 SPIROBANK
Alphanumeric display
software included

Turbine sensor

Accessories included Carrying case, software, RS232 cable, 2 mouth pieces, nose clamp, instruction manual.
Livré avec Malette de transport, câble interface RS232, 2 embouts buccaux, 1 embout nasal, mode d'emploi.
Incluye Bolsa de transporte, software, cable RS232, 2 boquillas, 1 pieza para nariz, manual de instrucciones.
Acessórios inclusos Bolsa de transporte, software, cabo RS232, 2 bocais, prendedor de nariz, manual de instruções.

TECHNICAL FEATURES

Power supply: 9V DC (PP3 battery)
Flow sensor: turbine with infrared interruption
Keyboard: membrane, 5 keys
Display Spirobank G: 120x32 pixel graphic backlight display
Display Spirobank: LCD, 2 lines x 16 alphanumeric characters
Communication port: RS-232, bidirectional
Temperature sensor: semiconductor (0-45°C)
Flow range: ± 16l/s
Maximum volume: 10l
Flow accuracy: ± 5% or 200ml/s, whichever is greater
Volume accuracy: ± 3% or 50ml, whichever is greater
Dynamic resistance at 12l/s: <0,5cm H2O/l/s
Dimensions: 162x49x34mm
Weight: 180g with battery
Parameters: FVC, FEV1, FEV1/FVC%, FEV6, FEV6%, PEF, FEF25, FEF50, FEF75, FEF25-75, FET, Vext, *FVC, *FEV1, *PEF, FIVC, FIV1, FIV1/FIVC%, PIF, VC, IVC, IC, ERV, FEV1/VC%, VT, VE, Rf, ti, te, ti/ttot, VT/ti, MVV, (* Best value)

EN USB MINISPIR SPIROMETER
F SPIROMÈTRE USB MINISPIR
ES ESPIRÓMETRO USB MINISPIR
P ESPIRÔMETRO USB MINISPIR

EN Plugs directly into the USB socket on PC. No batteries and no other connection required. Easy to use. Icon-based interface. Internal temperature sensor for automatic BTPS conversion. Lung age estimation. Bronchial challenge test with FEV1 dose-response curve. It includes a series of user-selectable and amusing pediatric incentive animations. Data and graphs export also via e-mail. Automatic interpretation and quality control of measurements. It follows the latest ATS/ERS standards.

F Connexion directe au port USB de votre PC. Aucune pile nécessaire. Simple d'utilisation à l'aide d'icônes intuitifs. Capteur de température interne pour conversion BTPS automatique. Estimation de l'âge des poumons. Courbes FEV1 dose-réponse. Comparaison broncodilatation PRE-POST. Plusieurs animations incitatives destinées aux tests pédiatriques. Exportation des résultats de test également par e-mail. Interprétation automatique et test de contrôle de la qualité. Respect des normes ATS/ERS.

ES Se conecta directamente en el puerto USB de su ordenador. No necesita baterías de alimentación. De fácil utilización gracias a su interfaz de iconos. Sensor de temperatura para conversión BTPS. Estimación del edad pulmonar. Prueba de provocación bronquial con curva FEV1 dosis-respuesta. Comparación PRE-POST broncodilatación. Incluye una serie de incentivos pediátricos con animaciones seleccionables. Datos y gráficos exportables por e-mail también. Interpretación automática y control de la calidad de la espirometría. En conformidad con los nuevos estándares ATS-ERS.

P Conecta-se diretamente ao pc por USB. Não precisa de bateria. Fácil de usar graças aos ícones intuitivos. Sensor de temperatura para conversão BTPS. Fornece estimativa da idade pulmonar. Teste de provocação bronquial com curva dose-resposta do FEV1. Incentivo pediátrico patenteado com tantas divertidas animações. Relatório da impressão exportável também por e-mail. Interpretação automática e controle de qualidade da espirometria. De acordo com os novos padrões ATS-ERS.

LTM215

TECHNICAL FEATURES

Temperature sensor: semiconductor (0-45°C)
Flow sensor: turbine sensor bi-directional
Flow range: ± 16l/s
Volume accuracy: ± 3% or 50ml, whichever is greater
Flow accuracy: ± 5% or 200ml/s, whichever is greater
Dynamic resistance at 12Us: <0,8 cm H2O/L/s
Communication port: UBS
Power supply: directly by USB PC connection
Dimensions: 52x128x26mm
Weight: 60g
Parameters: (*best value) FVC, FEV1, FEV1/FVC%, FEV6, FEV1/FEV6%, PEF, FEF25%, FEF50%, FEF75%, FEF25-75%, FET, Vext, FIVC, FIV1, FIV1/FIVC%, PIF, *FVC, *FEV1, *PEF, VC, IVC, IC, ERV, FEV1/VC%, VT, VE, Rf, ti, te, ti/t-tot, VT/ti, MVV



EN SPARE PARTS AND ACCESSORIES FOR SPIROMETERS
F PIÈCES DE RECHANGE ET ACCESSOIRES POUR SPIROMÈTRES
ES REPUESTOS Y ACCESORIOS PARA ESPIRÓMETROS
P PEÇAS DE REPOSIÇÃO E ACESSÓRIOS PARA ESPIRÔMETROS



DRV120
Reusable paediatric mouth piece

DRV133 500 pcs
MIR-VITALOGRAPH-MICROMEDICAL
Adult mouth piece for spirometers

DRV134 100 pcs
MIR-VITALOGRAPH-MICROMEDICAL
Adult mouth piece for spirometers

DRV135 500 pcs
Adult mouth piece for COSMED spirometers

DRV136 100 pcs
Adult mouth piece for COSMED spirometers

DRV137 100 pcs
Paediatric mouth piece

LTR932 5pcs
SPIROLAB I and II thermal printer

LTR930
Calibration 3L syringe for MIR spirometer

LTR937
MIR spirometer turbine

LTR940
Disposable antibacterial filter



EN VENUS 6.3 COLPOSCOPE - MAGNIFICATION 9X - LED BULB
F COLPOSCOPE VENUS 6.3- GROSSISSEMENT FIXE DE 9X – LAMPE À DEL
ES COLPOSCOPIO VENUS 6.3 – MAGNIFICACIÓN DE 9X – LUZ LED
P COLPOSCÓPIO VENUS 6.3- AUMENTO FIXO DE 9X- LUZ LED

EN The 10.000 LUX light intensity colposcope is used to diagnosticate cervix and vagina anomalisms. The support pole is inserted in a Teflon ball-and-socket joint base which allows 360° easy motion. Pole with adjustable height by two handles.

F Le colposcope permet la détection de lésions cervicales et vaginales. Intensité de la lumière: 10.000 LUX. La colonne du statif est mise dans une base de teflon sphérique qui permet une grande facilité de mouvement à 360°. Statif réglable en hauteur par deux poignées.

ES El colposcopio es el equipo para la exploración del cuello uterino y de la vagina. El intensidad de la luz es de 10.000 LUX. El soporte está colocado en una base de teflón que permite un movimiento circular de 360°. El altura de soporte es ajustable a través de dos mangos.

P O colposcópio é indicado no diagnóstico de lesões cervicais e vaginais. Intensidade de luz: 10.000 LUX. A estativa está inserida em uma base de teflon esférica que permite um movimento circular de 360°. A altura da estativa é ajustável através de duas manoplas.

LTD620
VENUS 6.3 COLPOSCOPE MAGNIFICATION 9X LED BULB

CE



EN It includes: Power cable
1 dust plastic protection
1 instruction manual
1 assembling screw driver
gloves.

F Livré avec: Cordon d'alimentation
1 housse anti-poussière en plastique
1 mode d'emploi
1 tournevis de montage
gants

ES Incluye: Cable de alimentación
1 funda antipolvo
1 manual de instrucciones
1 destornillador para el montaje
guantes.

P Na embalagem: Cabo de alimentação
1 capa anti-poeira de plástico
1 manual de instrução
1 chave de fenda para a montagem
luvas

TECHNICAL FEATURES

Eyepieces: 12,5x individually adjustable
Pupillary distance: 50÷78 mm
Total magnification: 9X
Focal length: 316 mm
Field of view: > 22 mm dia
Depth of Field: > 4mm
Light intensity: > 10.000 LUX
Built-in circles to measure examined area
Built-in rheostat for brightness adjustment
User selectable built in green filter for enhanced contrast
LED bulb easy to change
Working height: 838mm to 1194 mm
Two focus adjustment handles
Two height adjustment handles
Power supply: 230V
Weight: 8 kg
Unit is completely assembled and ready for use once power is on
Conformity: IEC60601-1,IEC61601-1-1,CEE93/42



EN VENUS 6.3 COLPOSCOPE - 3-STEPS MAGNIFICATION- LED BULB
F COLPOSCOPE VENUS 6.3- GROSSISSEMENT À 3 PAS – LAMPE À DEL
ES COLPOSCOPIO VENUS 6.3 – 3 MAGNIFICACIONES – LUZ LED
P COLPOSCÓPIO VENUS 6.3- 3 AUMENTOS - LUZ LED

EN LTD631 with straight binocular system, LTD632 with inclined binocular system. 3-steps magnification (3,75X-7X-15X). 10.000 LUX light intensity. Support pole is inserted in a Teflon ball-and-socket-joint base which allows 360° easy motion.

F LTD631- binoculaire droite, LTD632- binoculaire incliné. Grossissement à 3 pas (3,75X-7X-15X). Intensité de la lumière: 10.000 LUX. La colonne du statif est mise dans une base de teflon sphérique qui permet une grande facilité de mouvement à 360°.

ES LTD631 – binoculares rectos, LTD632 – binoculares inclinados. 3 aumentos (3,75X-7X-15X). Intensidad de la luz 10.000 LUX. El soporte está colocado en una base de teflón que permite un movimiento circular de 360°.

P LTD631- binóculo reto, LTD632- binóculo curvo. 3 aumentos(3,75X-7X-15X). Intensidade de luz: 10.000 LUX. A estativa está inserida em uma base de teflon esférica que permite um movimento circular de 360°.

LTD631
STRAIGHT BINOCULAR

CE

EN It includes: Power cable
1 dust plastic protection
1 instruction manual
1 assembling screw driver
gloves

F Livré avec: Cordon d'alimentation
1 housse anti-poussière en plastique
1 mode d'emploi
1 tournevis de montage
gants

ES Incluye: Cable de alimentación
1 funda antipolvo
1 manual de instrucciones
1 destornillador para el montaje
guantes

P Na embalagem: Cabo de alimentação
1 capa anti-poeira de plástico
1 manual de instrução
1 chave de fenda para a montagem
luvas



LTD632 INCLINED BINOCULAR

TECHNICAL FEATURES

Eyepieces: 12,5x individually adjustable
Pupillary distance: 50÷78 mm
Total magnification possibility: 3 (3,75x-7x-15x)
Focal length: 300 mm
Field of view: 30.93 mm, 15.50mm,7.74mm Ø
Depth of Field: 18mm,4mm,2mm
Light intensity: > 10.000 LUX
Built-in circles to measure analyzed area
Built-in rheostat for brightness adjustment
User selectable built in green filter for enhanced contrast
LED bulb light easy to change
Working height: 838mm to 1194 mm
Two focus adjustment handles
Two height adjustment handles
Power supply: 230V
Weight: 8,5 kg
Unit is completely assembled and ready for use once power is on
Conformity: IEC60601-1,IEC61601-1-1,CEE93/42



EN VENUS 6.4 COLPOSCOPES - STRAIGHT BINOCULAR
F COLPOSCOPES VENUS 6.4- BINOCULAIRE DROIT
ES COLPOSCOPIOS VENUS 6.4 – BINOCULARES RECTOS
P COLPOSCÓPIOS VENUS 6.4- BINÓCULO RETO

EN Colposcopes with castors. Dual port fibre optic illumination with 150W halogen lamp. 38.000 LUX light intensity. German lenses by Schott® Opticall Glass offer a very good resolution and depth of field. Possibility to connect digital camera and video cameras with optional adapters.

F Colposcopes à chariot. Intensité de la lumière 38.000 LUX, grâce aux 2 sources de lumière halogène de 150W avec la connexion à fibre optique. Verres allemandes Schott® Opticall Glass, résolution et focus précis. Possibilité d'utilisation d'appareil photo et vidéo caméra digitaux avec les accessoires en option.

ES Colposcopios con ruedas. Lámpara halógena dual de fibra óptica, de 150W. Intensidad de luz 38.000 LUX. Ópticas alemanas Schott® Opticall Glass, alta resolución y enfoque. Posibilidad de conectar cámara digital y video cámara a través de un adaptador opcional.

P Colposcópios com estativas sobre rodas. Luz halógena com gerador duplo e conexão a fibra ótica que produzem uma intensidade de luz de 38.000 LUX. Lentes alemãs da Schott® Opticall Glass, com excelente resolução e focalização. Possibilidade de incorporar máquina fotográfica e filmadora digitais com os adaptadores opcionais.

LTD640
3-STEPS MAGNIFICATION

CE

LDR606
INCLINED BINOCULAR
FOR VENUS 6.4 SERIES
(optional)

LTD642F
ZOOM

LTD641F
5-STEPS MAGNIFICATION



EN It includes:
Power cable
1 dust plastic protection
1 instruction manual
1 assembling screw driver
gloves

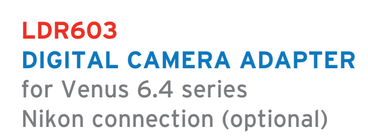
F Livré avec:
Cordon d'alimentation
1 housse anti-poussière 1 mode d'emploi
1 tournevis de montage
gants

ES Incluye:
Cable de alimentación
1 funda antipolvo
1 manual de instrucciones
1 destornillador para el montaje
guantes

P Na embalagem:
Cabo de alimentação
1 capa anti-poeira
1 manual de instrução
1 chave de fenda para a montagem
luvas

LDR602
CCD1/2" ADAPTER
for Venus 6.4 series (optional)





LDR603
DIGITAL CAMERA ADAPTER
for Venus 6.4 series
Nikon connection (optional)





LDR601
BEAM SPLITTER
50%/50% (optional)





Digital camera Optional

TECHNICAL FEATURES LTD641F-LTD642F
5-steps magnification: 2.7x-4.2x-6.7x-10.7x-16.7x (LTD641F)
Field of view: 75-48-30-12,8-12 (LTD641F)
Zoom: from 2.2x to 12.9x (LTD642F)
Field of view: Ø 9,2÷15,4 (LTD642F)
Work distance: 300 mm
12.5x eyepieces with dioptre locks and fold-down rubber eyecups for eyeglass wearers
Dioptres regulation: ±6d
Pupillary distance: 50÷75 mm
Light intensity on object plane: 38000 LUX. Min.
Light font: 15V-150W cooled air lamp
Dual-port lamp allows a quick change from one lamp to another
Maximum height from floor to the lens: 1200mm
Minimum height from floor to the lens: 1050mm
Overall distance from the column to the objective lens: 1050mm
Green filter selectable
Vertical pole: 590 mm
Total arm: 924 mm
Rotation arms: 340°
Power supply: 230V
Weight:10,3 kg
Base with 5 swivel casters 2 of which with brakes
Video and digital camera connections with special adapters (optional)
Conformity: IEC60601-1,IEC61601-1-1,CEE93/4

TECHNICAL FEATURES FOR LTD640
3-steps magnification: 32.7x-6.7x-16.7x
Field of view: 50-30-19
Work distance: 300 mm
12.5x eyepieces with dioptre locks and fold-down rubber eyecups for eyeglass wearers
Dioptres regulation: ±6d
Pupillary distance: 50÷75 mm
Straight binocular head: F=160 (optional reclined binocular)
Light intensity: 38000 LUX min.
Light source: 15V-150W cooled air lamp
Dual-port lamp allows a quick change from one lamp to another
Work height: 1050mm÷1200mm
Focus: rack for micro, on stand for macro
Green filter selectable
5 casters base with vertical position adjustment
Power supply: 230V
Video and digital camera connections with adapters (optional)
Weight:10,3 kg
Conformity: IEC60601-1, IEC61601-1-1,CEE93/42



EN ABS TROLLEYS, ANTISTATIC WHEELS FOR ECG, ECHOGRAPHS, ELECTROTHERAPIES
F CHARIOTS EN ABS, ROUES ANTISTATIQUES POUR ECG, ÉCHOGRAPHES ET ÉLECTROTHÉRAPIES
ES CARROS EN ABS, RUEDAS ANTIESTÁTICAS PARA ECG, ECÓGRAFOS Y ELECTROTERÁPIAS
P CARROS EM ABS, RODAS ANTI-ESTÁTICAS PARA ECG, ECÓGRAFOS E ELETROTERAPIAS

CO100
Weight: 10,5 kg. Optional cable pole
NO CONDUCTIVE ABS FRAME



CO105 Optional
Cable pole - cm 73
Support pour câbles - 73 cm
Soporte para cables - cm 73
Suporte para cabos - 73 cm



CO120
Weight: 11,5 kg. Rear pushing handle
NO CONDUCTIVE ABS FRAME





TECHNICAL FEATURES FOR CO100
Height: 82cm
Base: 49x46cm
Upper top: 49x46cm
Middle top: 36,5x20cm
Lower top: 36,5x20cm

TECHNICAL FEATURES FOR CO120
Height: 81cm
Base: 36x48cm
Top: 42x60cm

EN ABS TROLLEYS, ANTISTATIC WHEELS
F CHARIOTS EN ABS, ROUES ANTISTATIQUES
ES CARROS EN ABS, RUEDAS ANTIESTÁTICAS
P CARROS EM ABS, RODAS ANTI-ESTÁTICAS

EN Suitable for endoscopy devices, electrotherapies and monitors, no conductive ABS frame. Easy to clean and to handle, lightweight. Cables pole included.

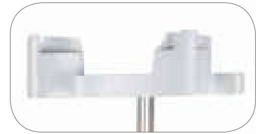
F Chariots pour appareils d'endoscopie, électrothérapies, moniteurs. Châssis en ABS non électro-conductif. Facile à nettoyer, léger, simple à déplacer. Support pour câbles inclus.

ES Carros para aparatos de endoscopia, electroterápias, monitores, en ABS no conductivo. Fácil de limpiar y desplazar, ligero. Soporte para cables incluido.

P Carros para aparelhos de endoscopia, eletroterapias, monitores. Estrutura em ABS não eletro-condutivo. Fácil de limpar, leve, muito simples de manejar. Suporte para cabos incluído.

C0140
Extractable tray,
2 small front handles and
one rear big handle,
weight: 23,5 kg.







C0145
One drawer, 2 front/rear handles,
weight: 24,5 kg.





C0150
Alluminium trolley for ECG
weigth: 8,5 Kg
max loading weight: 18 kg
Double basket



C0155
ABS trolley for ECG
weigth: 26 Kg
max loading weight: 26 kg
with drawer and probe compartment

TECHNICAL FEATURES FOR C0145

Height: 132cm
Base: 57x57cm
Upper top: 46,5x49,5cm
Middle top: 46,5x49,5cm
Pole: max 73cm

TECHNICAL FEATURES FOR C0140

Height: 119cm
Base: 43x57cm
Upper top: 57x57cm
Middle top: 45x47cm
Pole: max 69cm